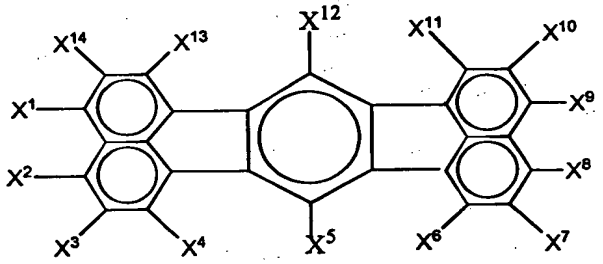
IN THE CLAIMS

Please amend the claims as follows:

Claims 1-2 (cancelled):

D1

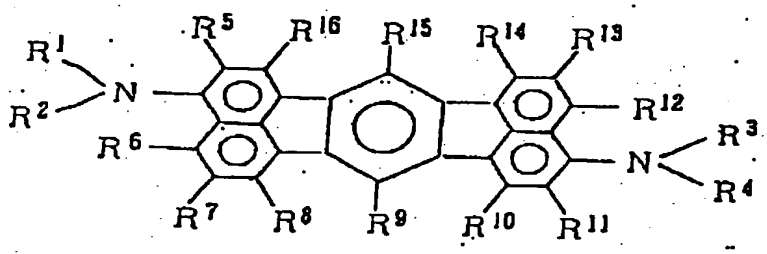
Claim 3 (Currently Amended): ~~The~~ An organic electroluminescence device ~~according to Claim 13,~~ which comprises an organic layer disposed between at least one pair of electrodes, wherein the organic layer comprises a compound having a fluoranthene skeleton structure substituted at least with an amine group or an alkenyl group, and wherein the organic layer comprises a metal complex of quinoline and a compound selected from compounds represented by the following general formula [3], [17] and [18], wherein the organic layer is at least one of a hole transporting layer or ~~and~~ a light emitting layer:



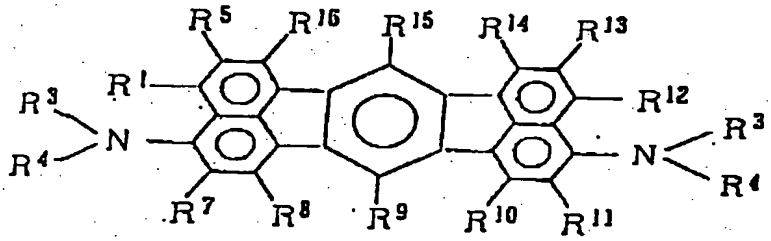

[3]

wherein $X^1$ to $X^{20}$ each independently represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms; a pair of adjacent groups represented by $X^1$ to $X^{20}$ and a pair of adjacent substituents to groups represented by $X^1$ to $X^{20}$ may form a cyclic structure in combination; when a pair of adjacent substituents are aryl groups, the pair of substituents may be a single group; and at least one of substituents represented by $X^1$ to $X^i$, i representing a number of 12 to 20, comprises an amine group or an alkenyl group; with the premise that the combination of substituted group $X^{13}$ and $X^{14}$, $X^3$ and $X^4$, $X^{10}$ and $X^{11}$, and $X^6$ and $X^7$ with any ring structure in the general formula (3) is omitted;

D1



[17]



[18]

wherein $R^1$ to $R^4$ each independently represent an alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 30 carbon atoms; in one or both of a pair of groups represented by $R^1$ and $R^2$ and a pair of groups represented by $R^3$ and $R^4$, the groups forming the pair may be bonded through -O- or -S-; $R^5$ to $R^{16}$ represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms; a pair of adjacent groups represented by $R^5$ to $R^{16}$ and a pairr of adjacent substituents to groups represented by $R^5$ to $R^{16}$ may form a cyclic structure in combination; and at least one of substituents represented by $R^5$ to $R^{16}$ comprises an amine group.

Claim 4 (Currently Amended): The organic electroluminescence device according to Claim 3 ~~13~~, wherein the organic layer comprises 1 to 70% by weight of said compound which is selected from compounds represented by general formulae [1] to [14] and [16] to [18]:.

Claim 5 (Currently Amended): The organic electroluminescence device according to Claim 3 ~~13~~, wherein a layer of an inorganic compound is disposed between the organic layer and the electrode.

Claim 6 (Currently Amended) The organic electroluminescence device according to Claim 3 ~~13~~, which emits reddish light.

Claim 7 (Currently Amended) The organic electroluminescence device according to Claim 3 ~~13~~, wherein the organic layer comprises said compound and isomers thereof.

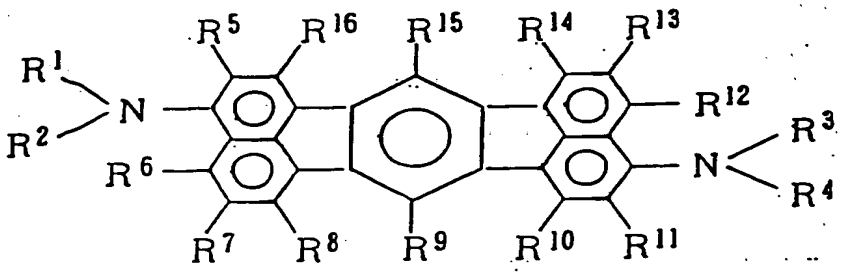
Claim 8 (Previously Presented): The organic electroluminescence device according to Claim 7, wherein, among said compound and the isomers thereof, a ratio of an amount by mole of an isomer which can emit light having a longer wavelength to an amount by mole of an isomer which can emit light having a shorter wave is in a range of 90:10 to 60:40.

Claims 9-10 (Cancelled):

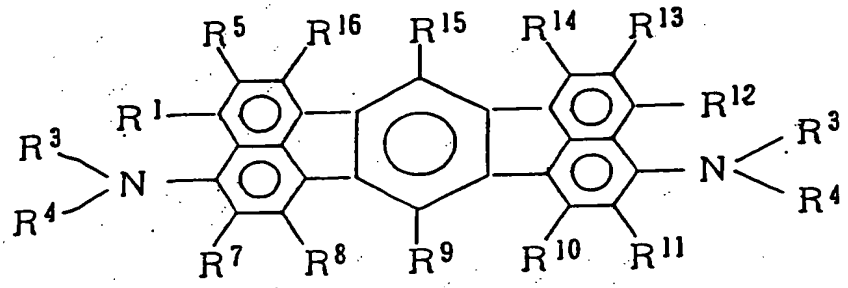
Claim 11 (Currently Amended): The organic electroluminescence device according to Claim ~~13~~ 3, wherein the organic layer comprises at least one member of the group consisting of a hole transporting layer and a light emitting layer, and wherein a layer of an inorganic compound is between the organic layer and the electrode.

Claim 12-13 (Cancelled):

Claim 14 (Previously Presented): An organic electroluminescence device which comprises an organic layer disposed between at least one pair of electrodes, wherein the organic layer comprises a metal complex of quinoline and a compound selected from compounds represented by the following general formulae [17] and [18]:




[17]

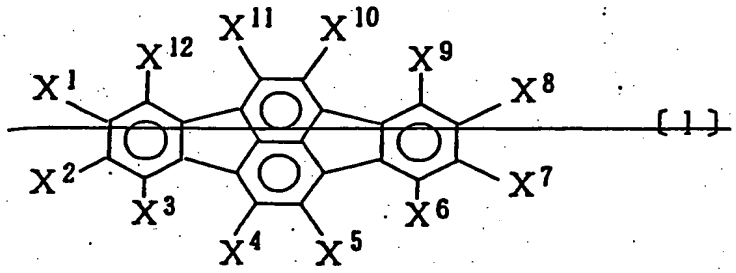


[18]

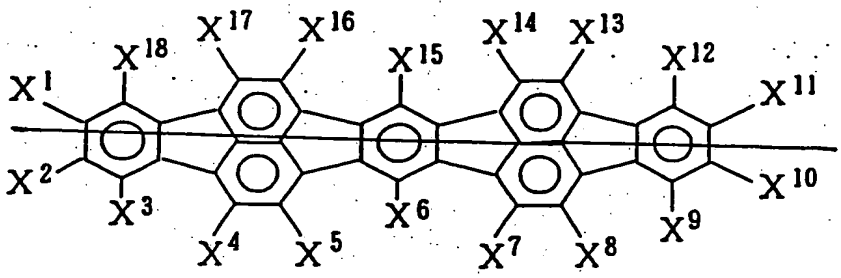
wherein $R^1$ to $R^4$ each independently represent an alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 30 carbon atoms in one or both of a pair of groups represented by $R^1$ and $R^2$ and a pair of groups represented by $R^3$ and $R^4$, the groups forming the pair may be bonded through -O- or -S-; $R^5$ to $R^{16}$ represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms a pair of adjacent groups represented by $R^5$ to $R^{16}$ and a pair of adjacent substituents to groups represented by $R^5$ to $R^{16}$ may form a cyclic structure in combination; and at least one of substituents represented by $R^5$ to $R^{16}$ comprises an amine group;

and isomers thereof, wherein, among said compound and isomers thereof, a ratio of an amount by mole of an isomer represented by general formula [17] to an amount by mole of an isomer represented by general formula [18] is in a range of 90:10 to 60:40.

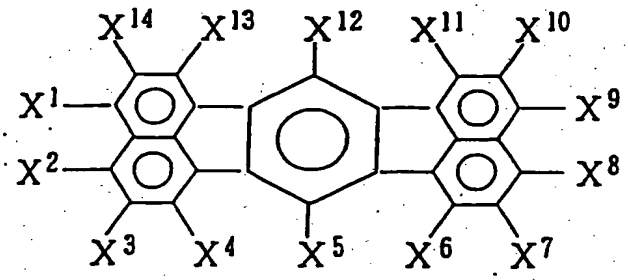
15. (Currently Amended) A compound having a fluoranthene skeleton structure substituted at least with an amino group or an alkenyl group represented by any of the following general formulae ~~[1]~~ [3] ~~to [14]~~ and ~~[16]~~ [17] to [18]:



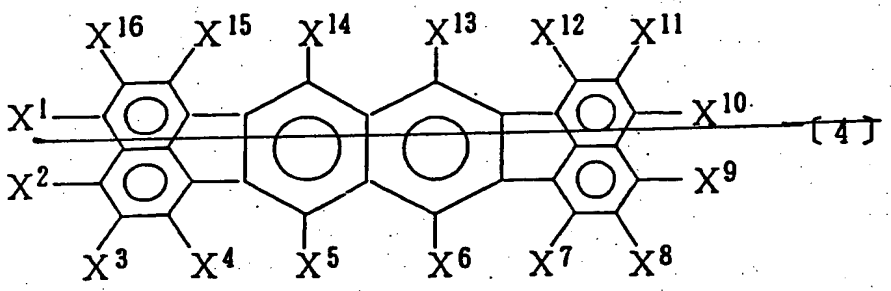
[1]



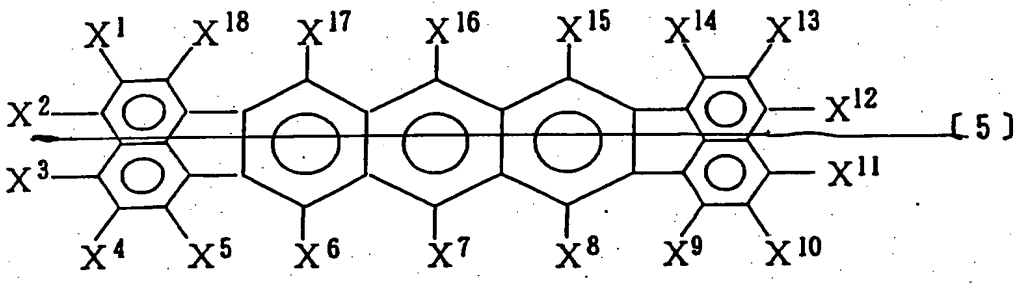
[2]



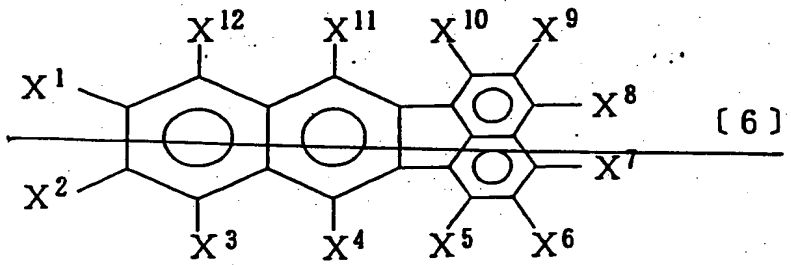
[3]


X16 X15 X14 X13 X12 X11
X1
X10
X2
X9
X3 X4 X5 X6 X7 X8

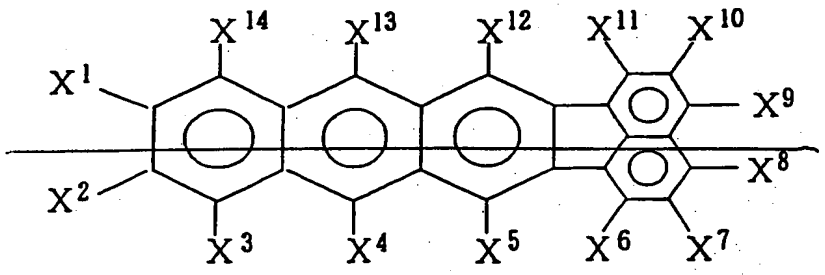
[4]


X1 X18 X17 X16 X15 X14 X13
X2
X12
X3
X11
X4 X5 X6 X7 X8 X9 X10

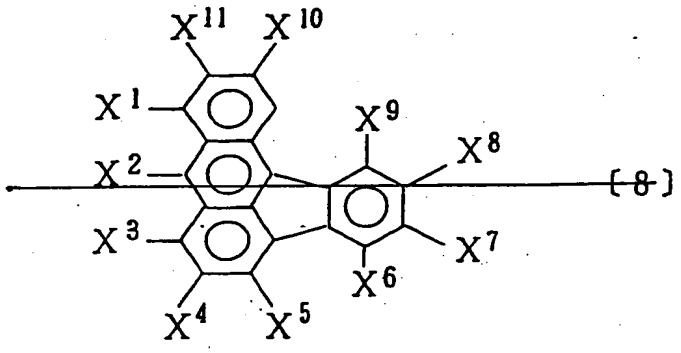
[5]


X12 X11 X10 X9
X1
X8
X7
X2
X3 X4 X5 X6

[6]


X14 X13 X12 X11 X10
X1
X9
X8
X2
X3 X4 X5 X6 X7

[7]


X11 X10
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X9
X8
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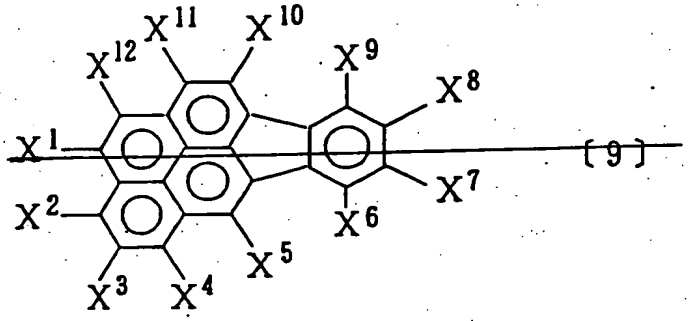
X7
X6
X4 X5

[8]


X11
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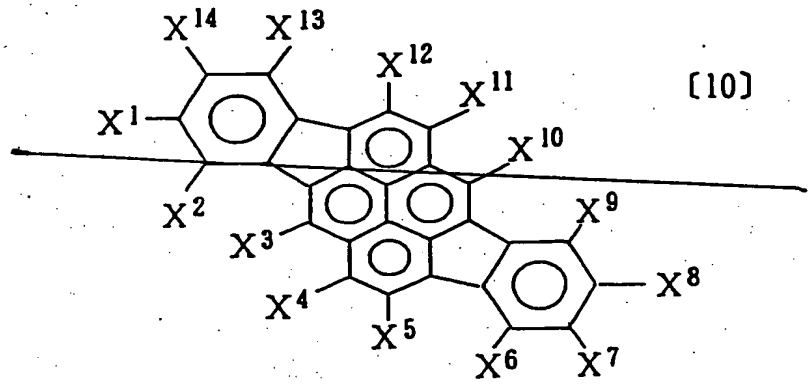
X6
X5
X3
X4

[9]


X14
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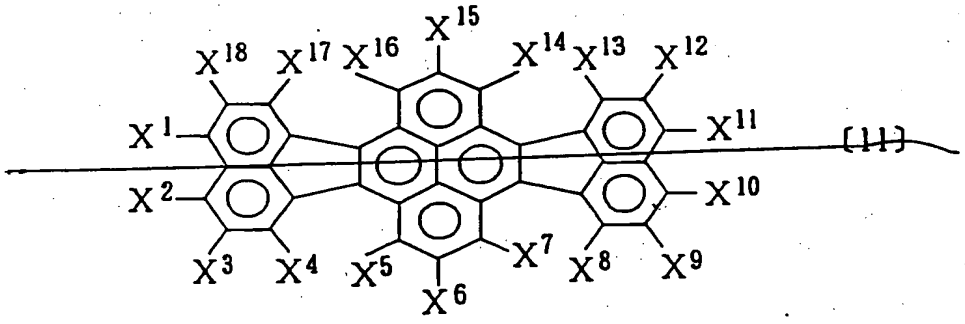
X7

[10]


X15
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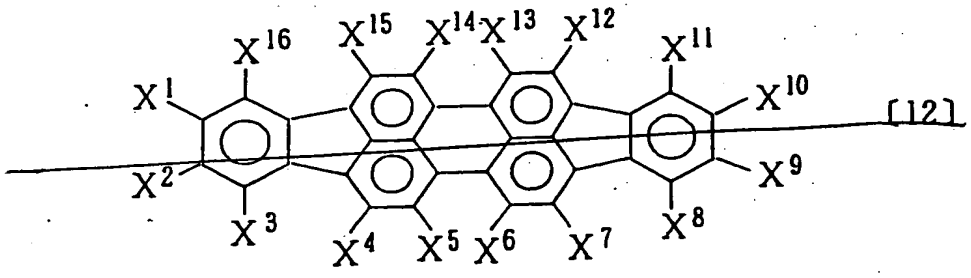
X6

[11]


X16
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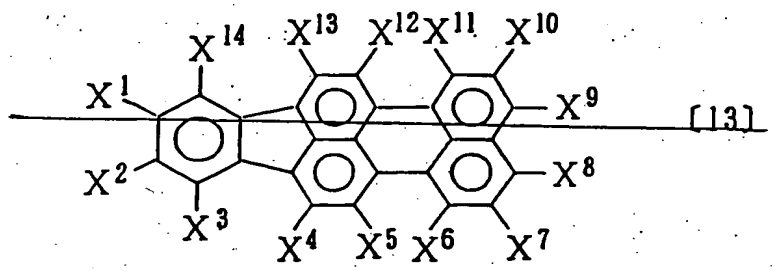
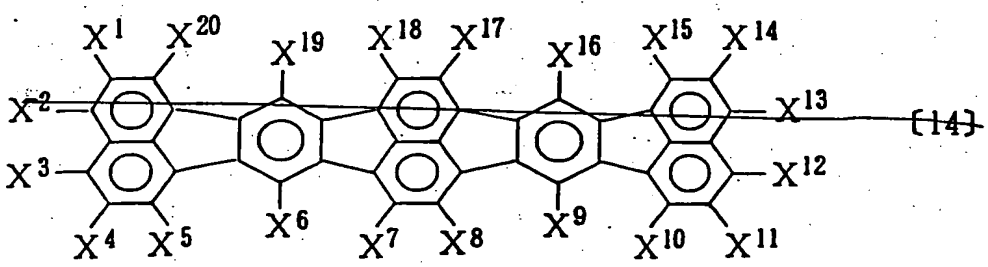
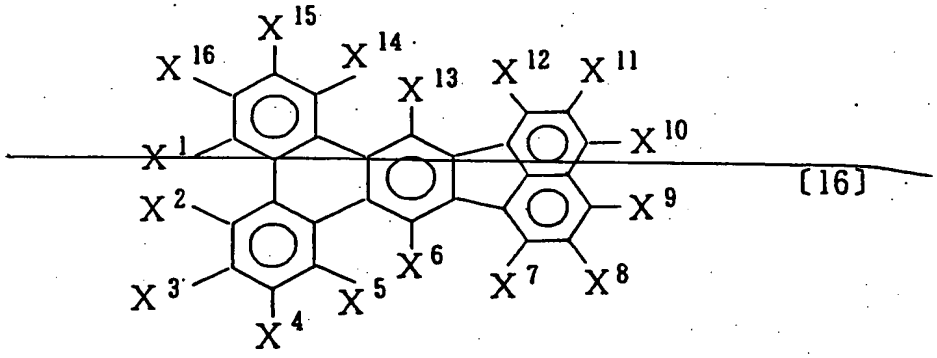
[12]


X14 X13 X12 X11 X10
X1
X9
X2
X8
X3
X4 X5 X6 X7

[13]

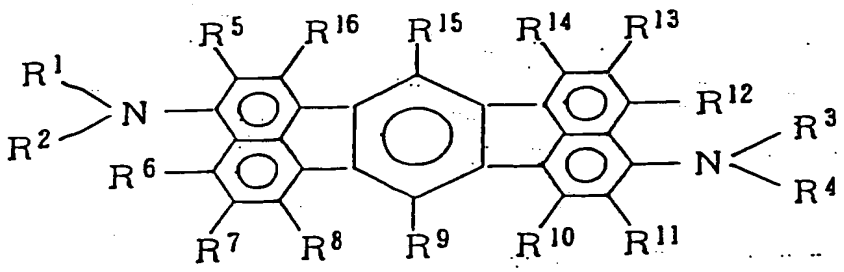

X1 X20 X19 X18 X17 X16 X15 X14
X2
X13
X3
X12
X4 X5 X6 X7 X8 X9 X10 X11

[14]

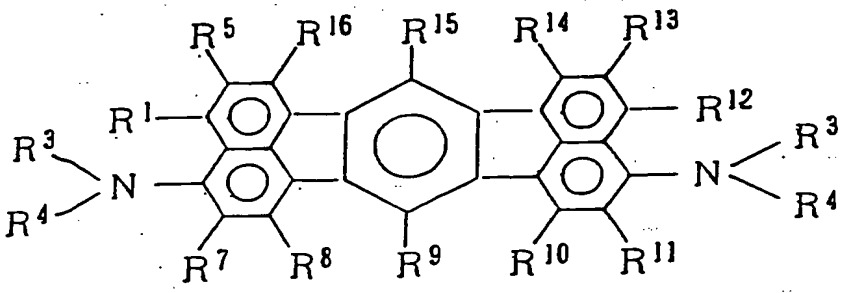

X15
X16 X14
X13 X12 X11
X10
X1
X2
X9
X6
X3
X5
X7 X8
X4

[16]

wherein $X^1$ to $X^{20}$ each independently represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms a pair of adjacent groups represented by $X^1$ to $X^{20}$ and a pair of adjacent substituents to groups represented by $X^1$ to $X^{20}$ may form a cyclic structure in combination; when a pair of adjacent substituents are aryl groups, the pair of substituents may be a single group; and at least one of substituents represented by $X^1$ to $X^i$, i representing a number of 12 to 20, comprises an amine group or an alkenyl group; with the exception that the combination of forming any cyclic structure with any of the substituted group pairs $X^{13}$ and $X^{14}$, $X^3$ and $X^4$, $X^{10}$ and $X^{11}$, and $X^6$ and $X^7$ in the general formula (3) is omitted;



[17]

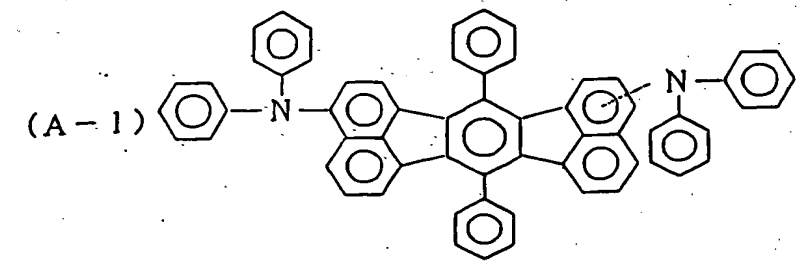


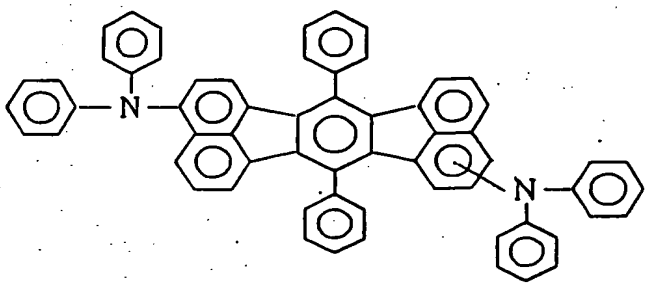
[18]

wherein R1 to $R^4$ each independently represent an alkyl group having 1 to 20 carbon atoms or a substituted or unsubstituted aryl group having 6 to 30 carbon atoms in one or both of a pair of groups represented by $R^1$ and $R^2$ and a pair of groups represented by $R^3$ and $R^4$, the groups forming the pair may be bonded through -O- or -S-; $R^5$ to $R^{16}$ represents hydrogen atom, a linear, branched or cyclic alkyl group having 1 to 20 carbon atoms, a linear, branched or cyclic alkoxy group having 1 to 20 carbon atoms, a substituted or unsubstituted aryl group having 6 to 30 carbon atoms, a substituted or unsubstituted aryloxy group having 6 to 30 carbon groups, a substituted or unsubstituted arylamino group having 6 to 30 carbon atoms, a substituted or unsubstituted alkylamino group having 1 to 30 carbon atoms, a substituted or unsubstituted arylalkylamino group having 7 to 30 carbon atoms or a substituted or unsubstituted alkenyl groups having 8 to 30 carbon atoms; a pair of adjacent groups represented by $R^5$ to $R^{16}$ and a pair of adjacent substituents to groups represented by $R^5$ to $R^{16}$ may form a cyclic structure in combination; and at least one of substituents represented by $R^5$ to $R^{16}$ comprises an amine group.

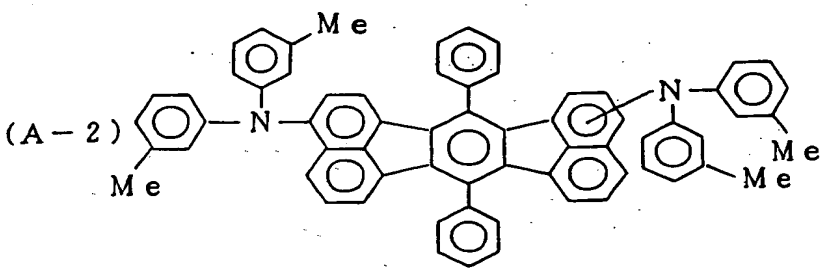
Claim 16 (Currently Amended): The organic electroluminescence device according to Claim ~~13~~ 3, wherein the compond has at least one structure selected from the group consisting of:

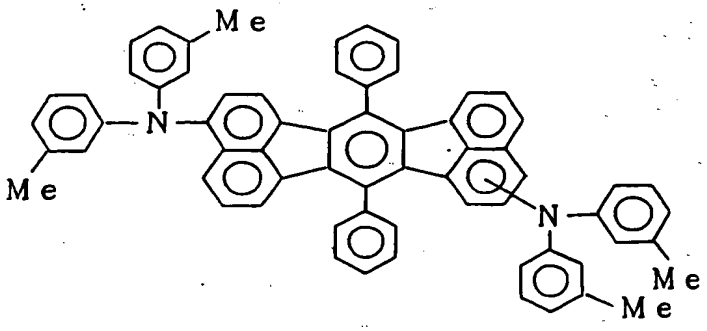
(A – 1)



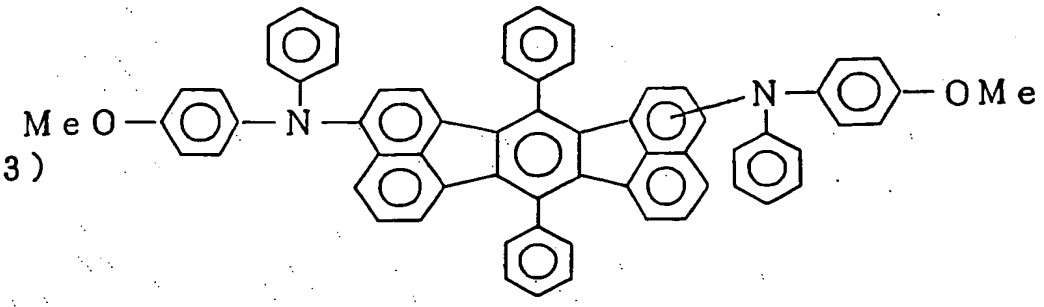


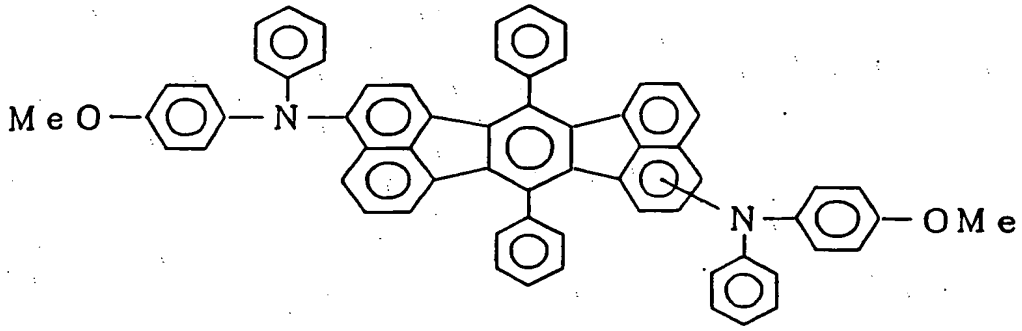
(A – 2)



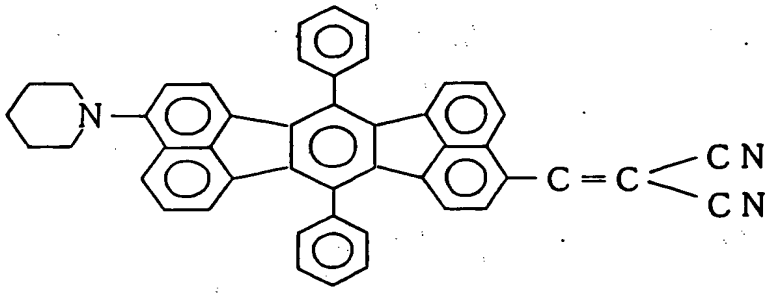


(A－3)

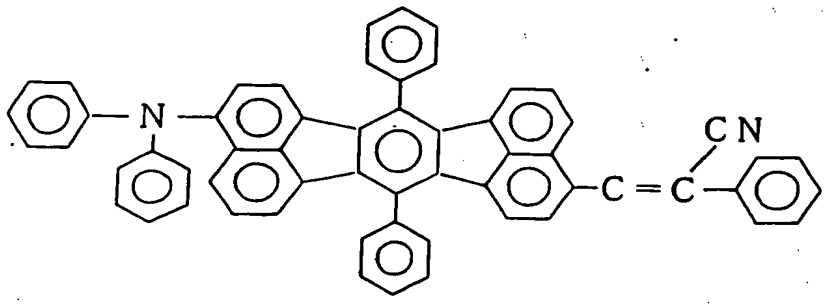


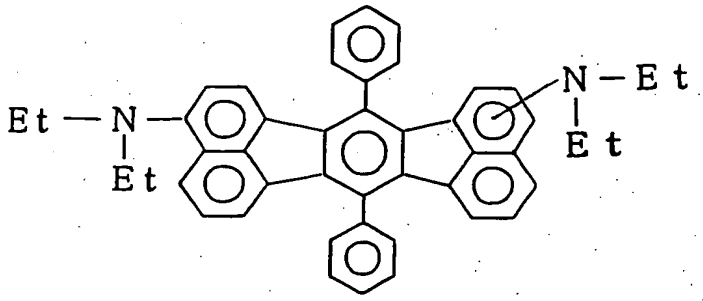

(A－4)

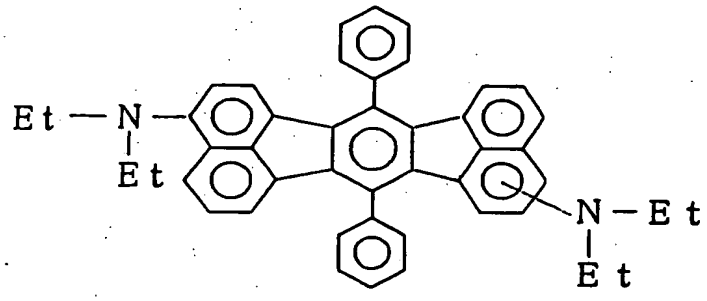



(A－5)

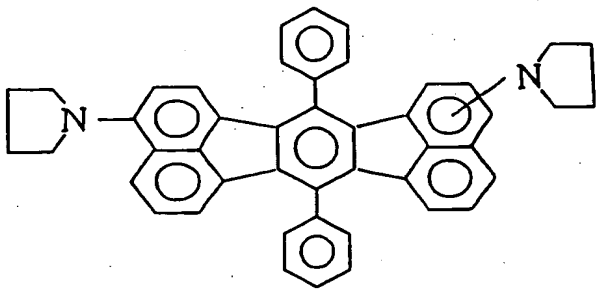


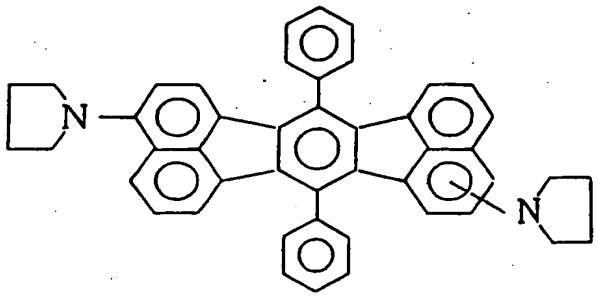
(A－6)



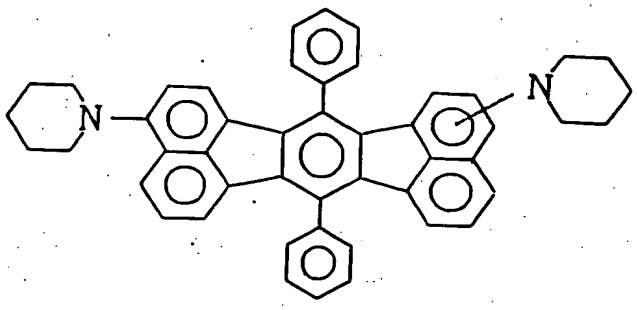



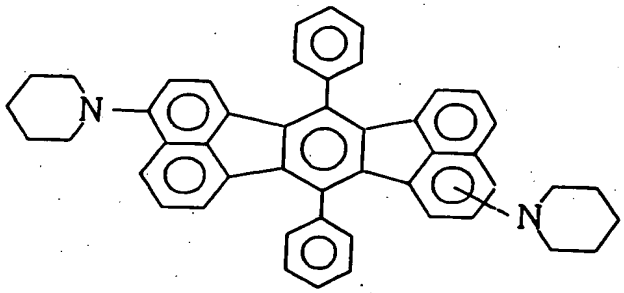

(A－7)



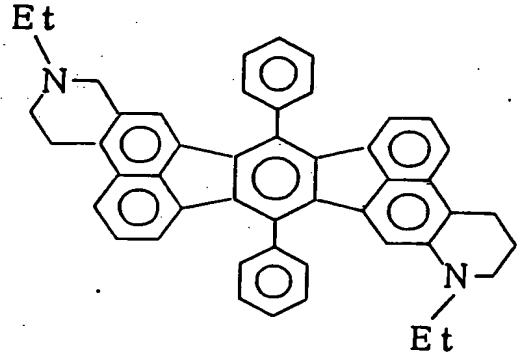



(A－8)





(A－9)



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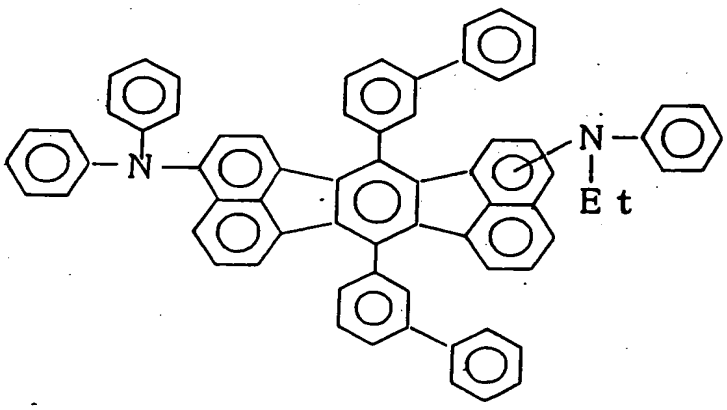

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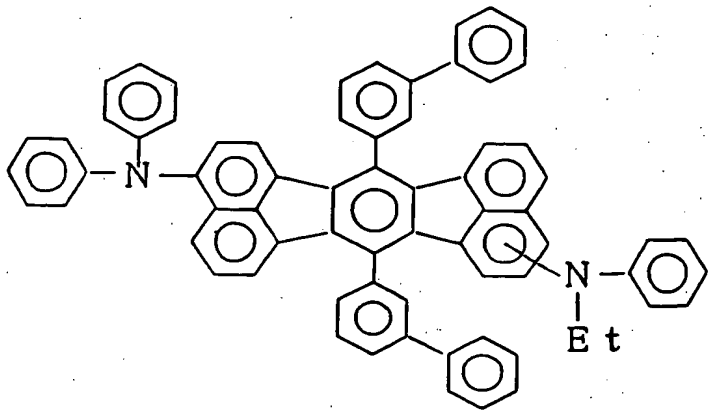


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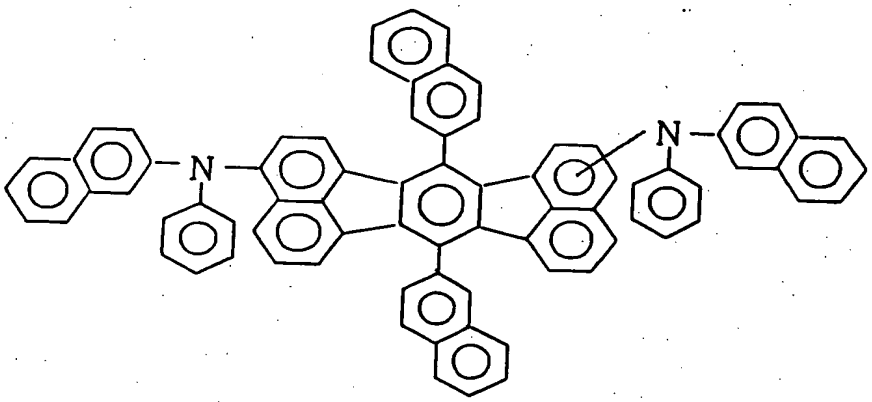


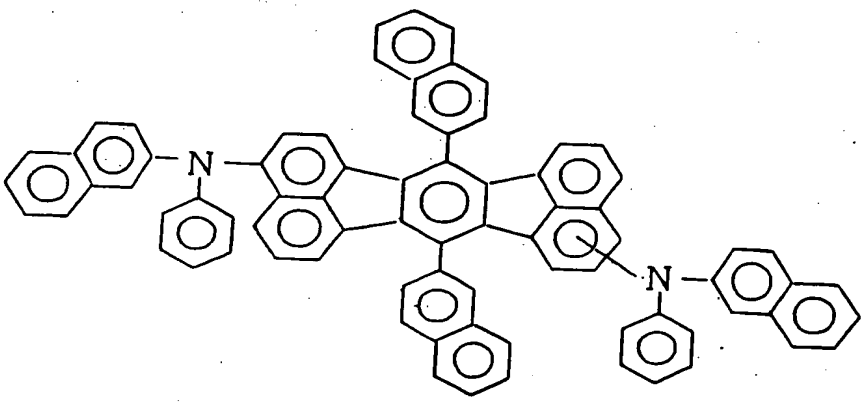


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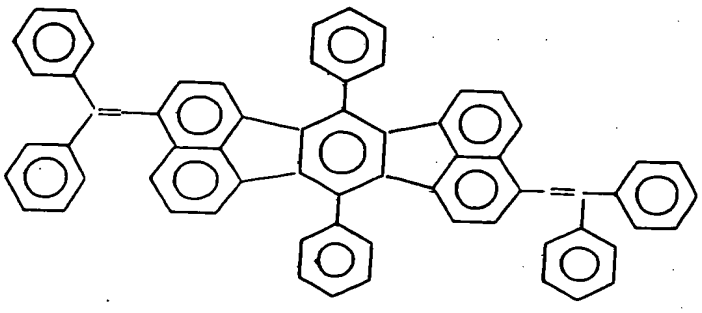

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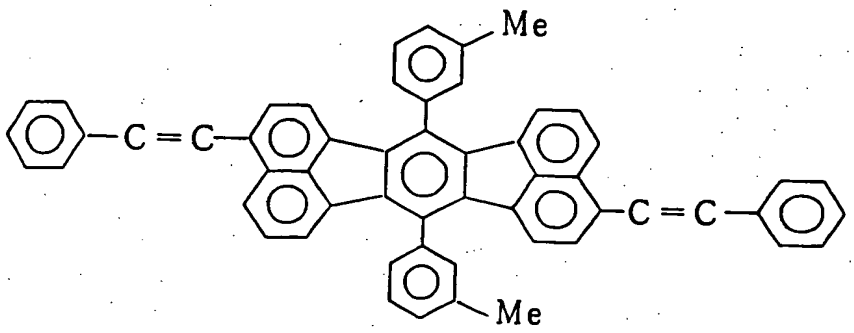


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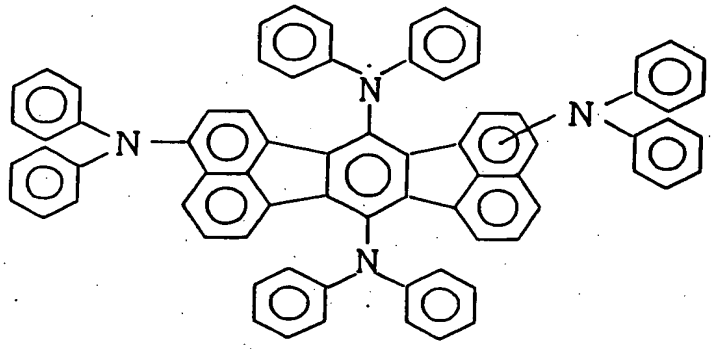


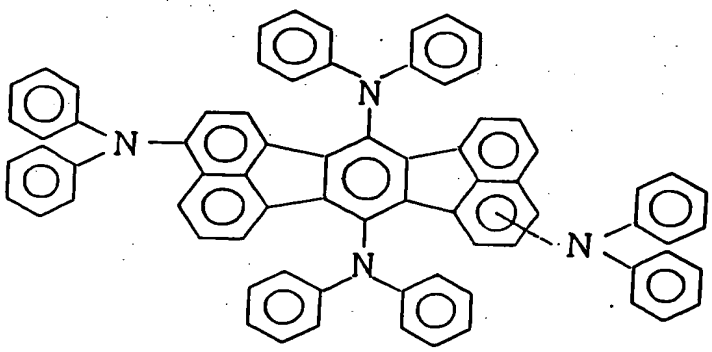


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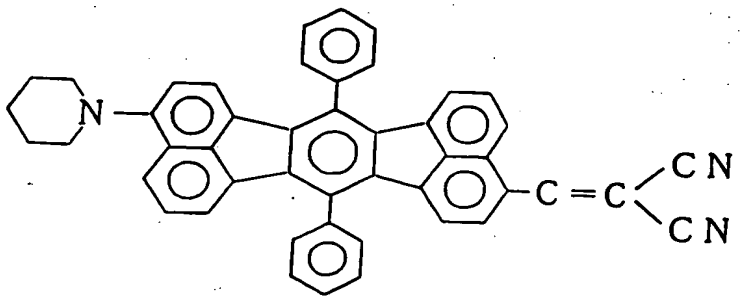

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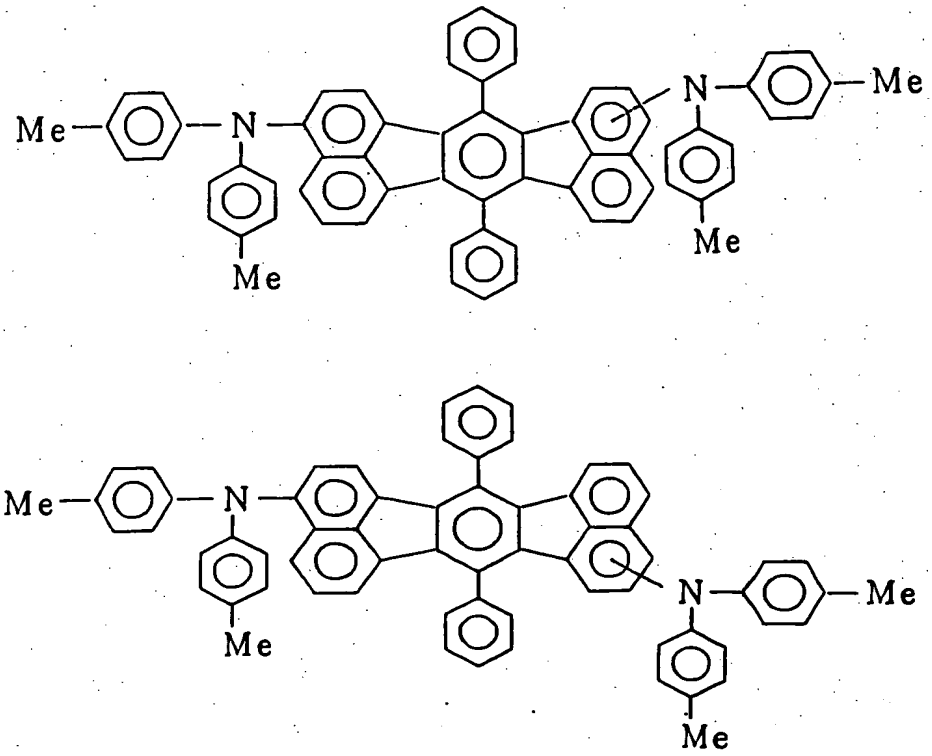


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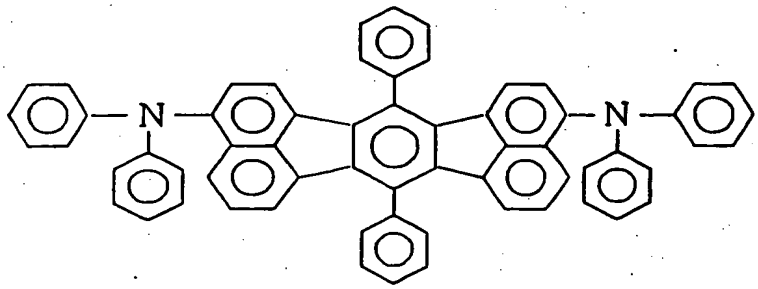


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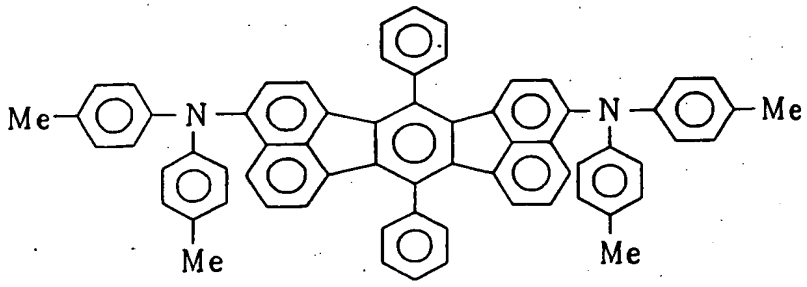

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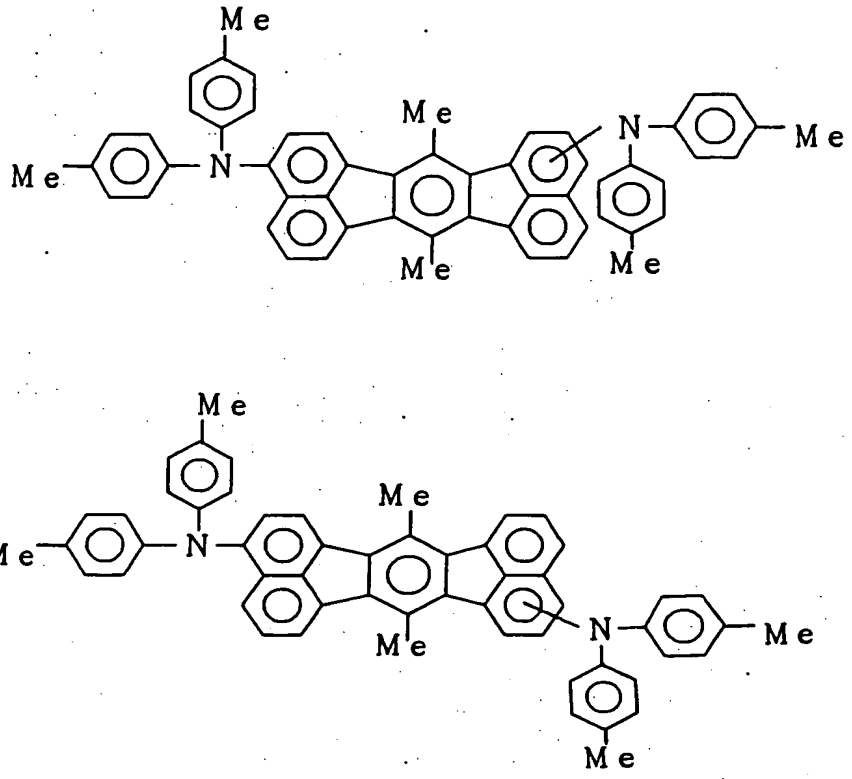

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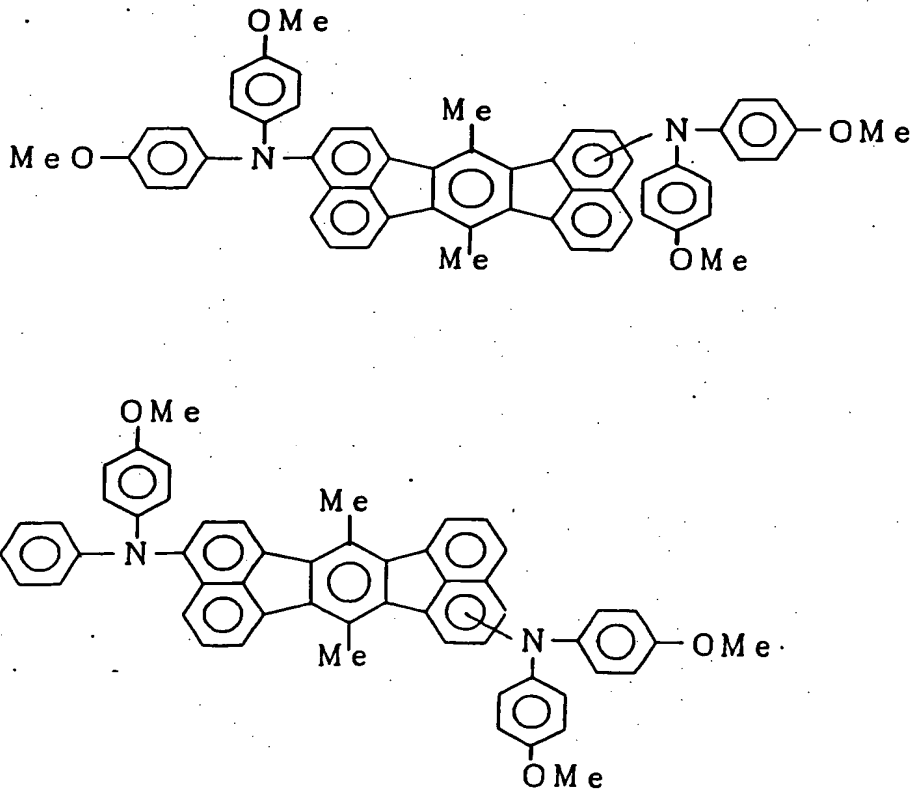

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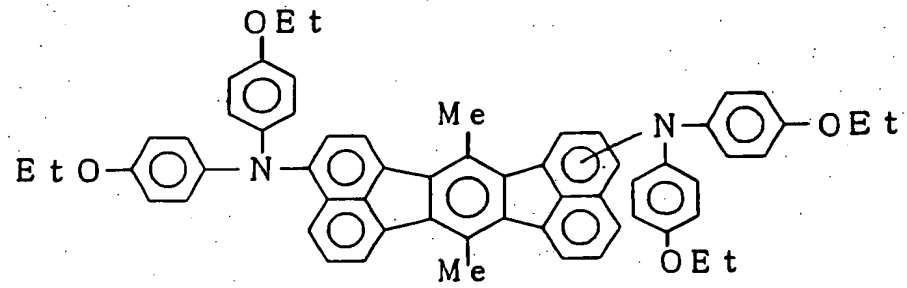

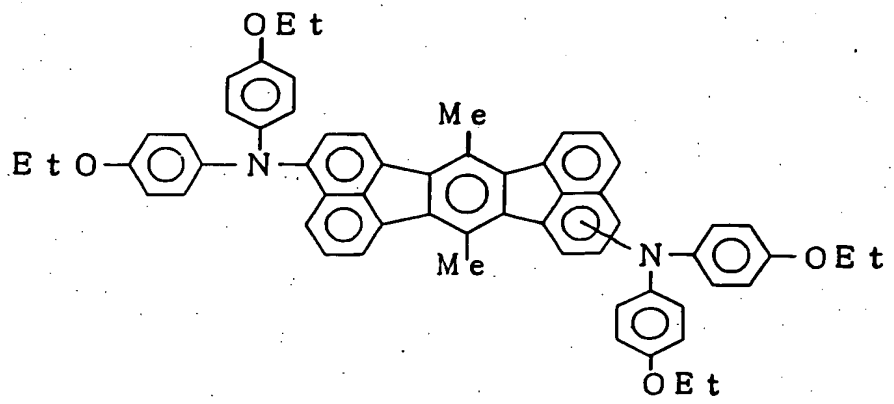

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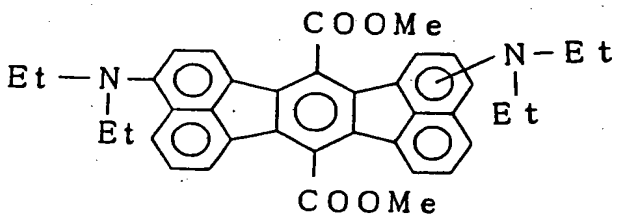

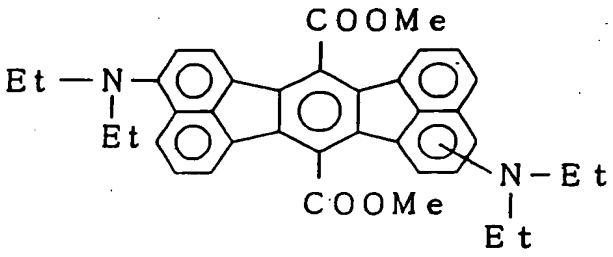

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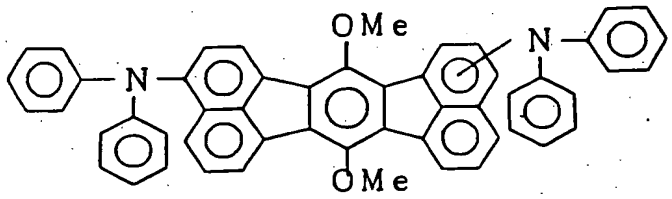


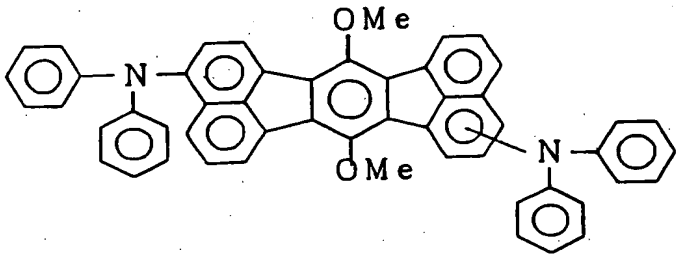


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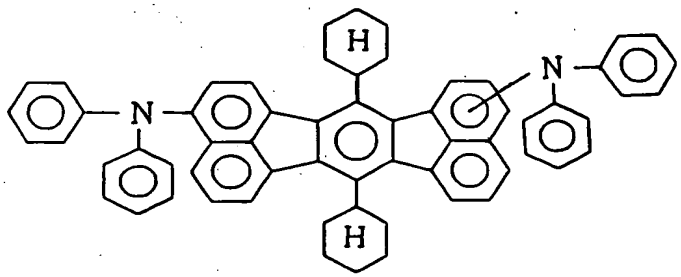


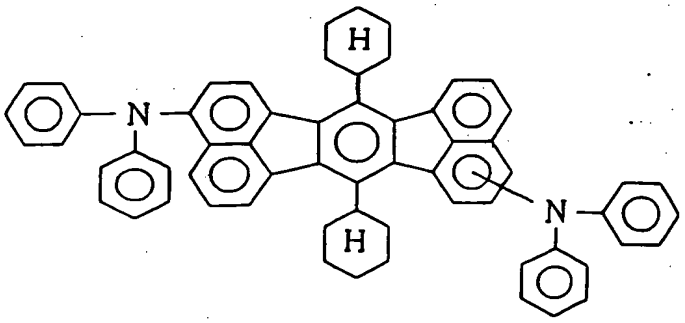

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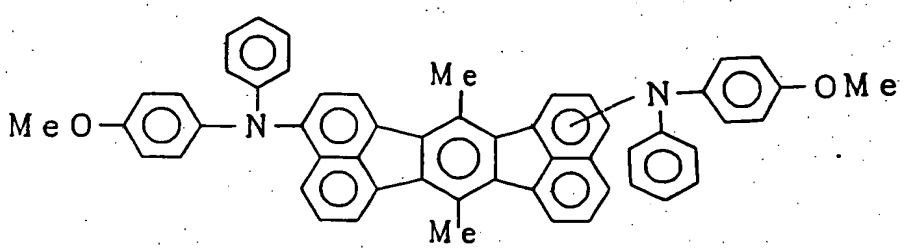

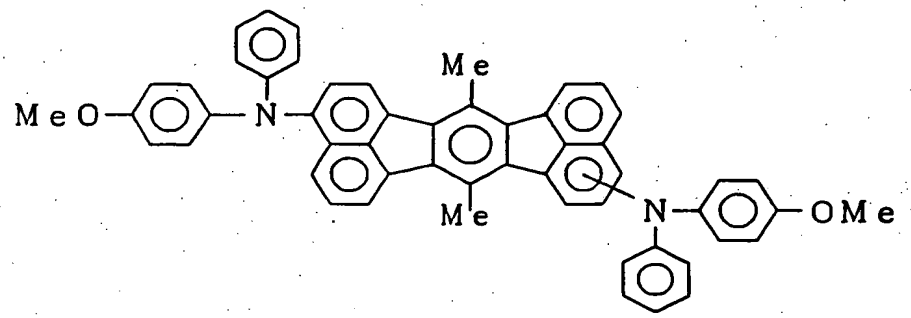

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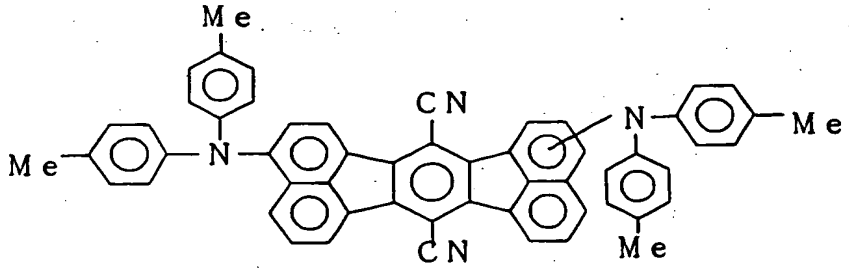

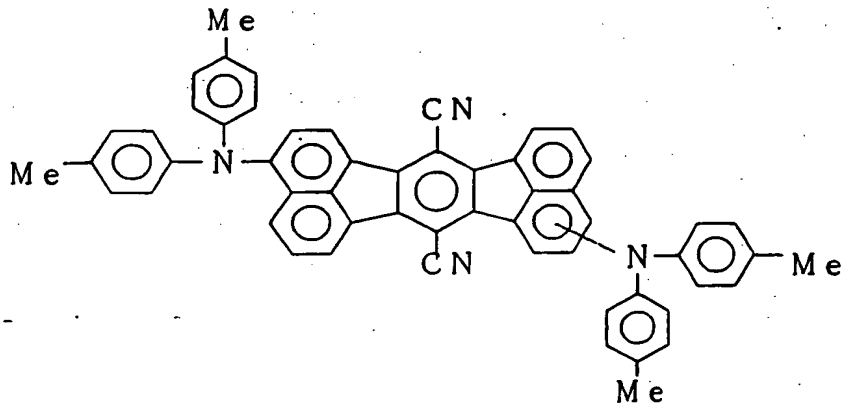

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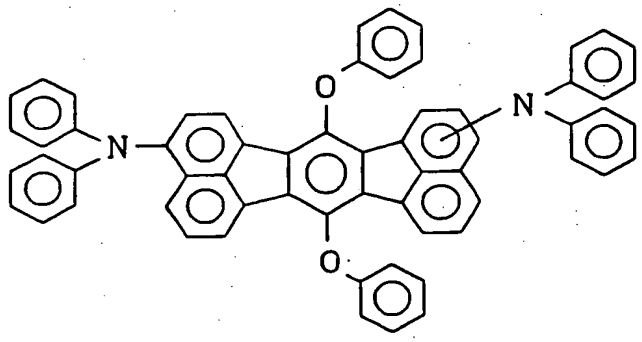

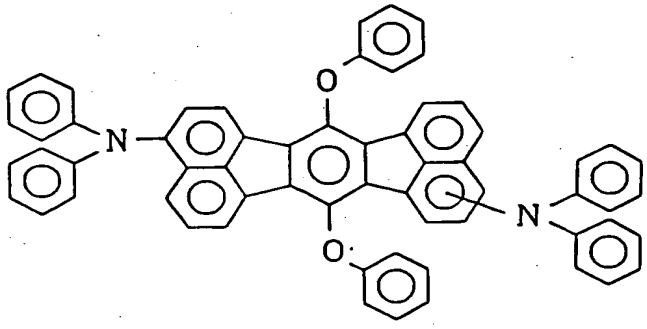

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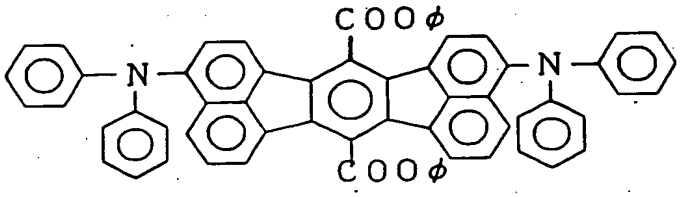


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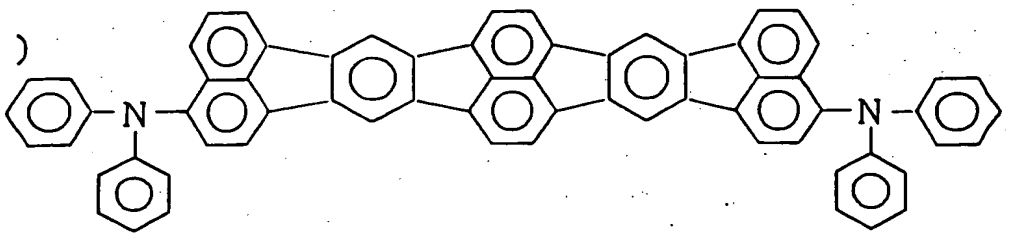

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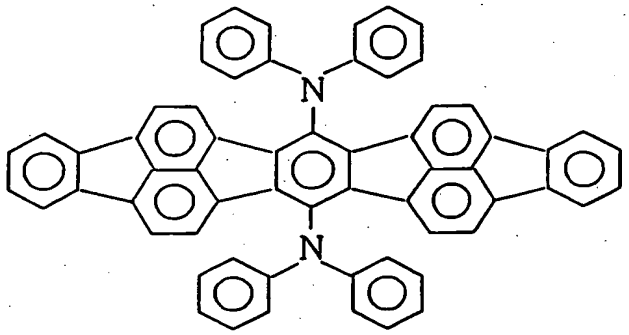

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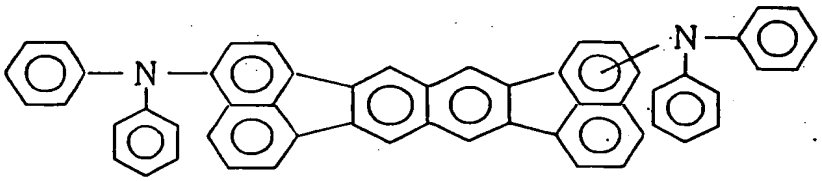

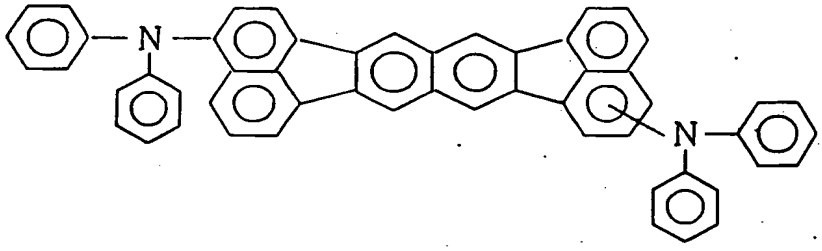

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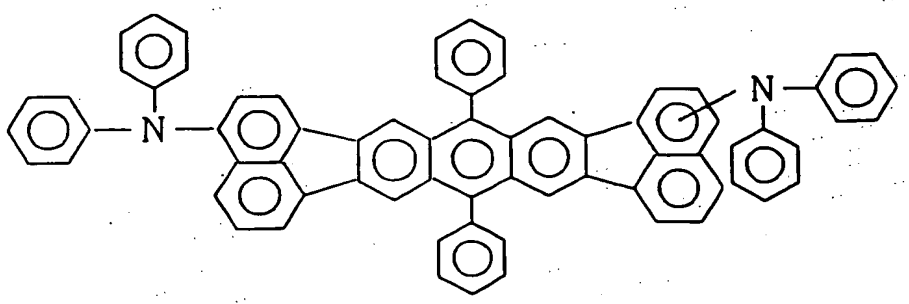

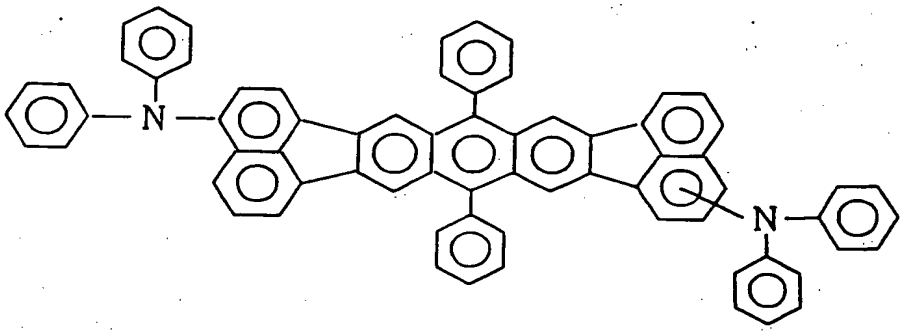

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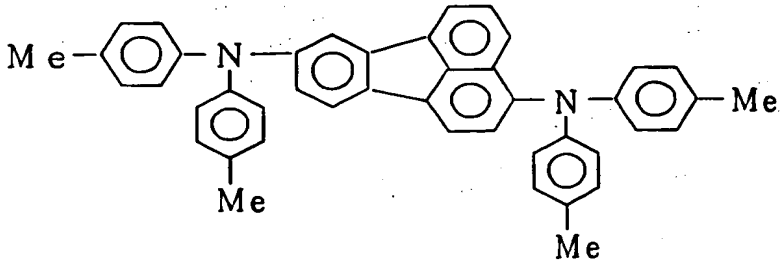


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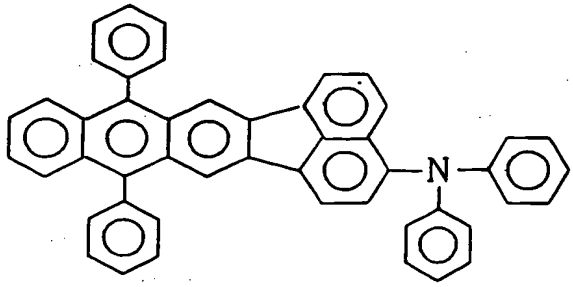

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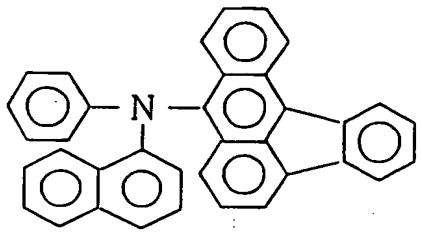

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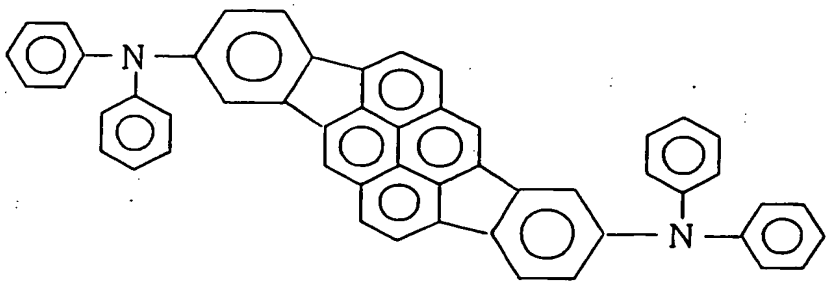

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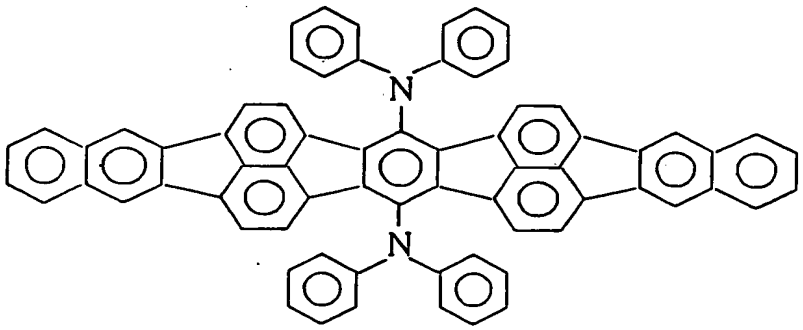

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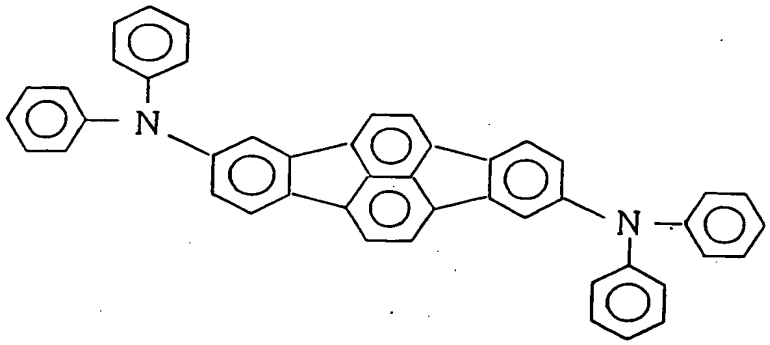

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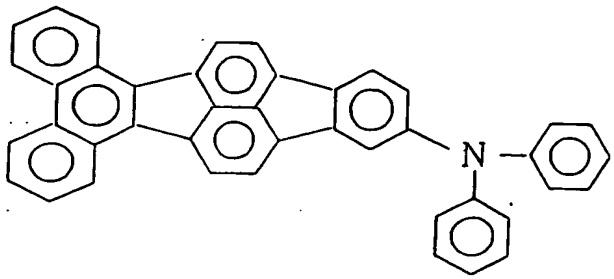

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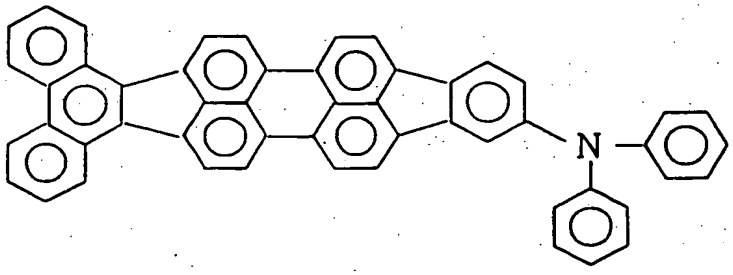

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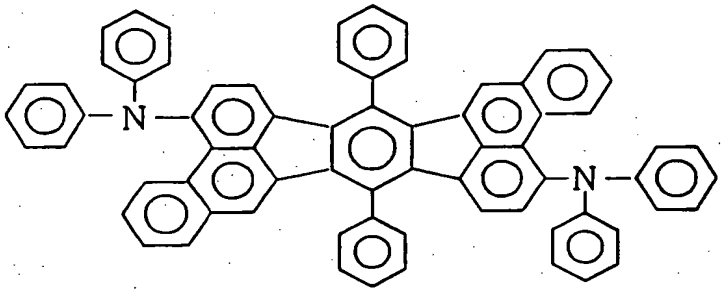

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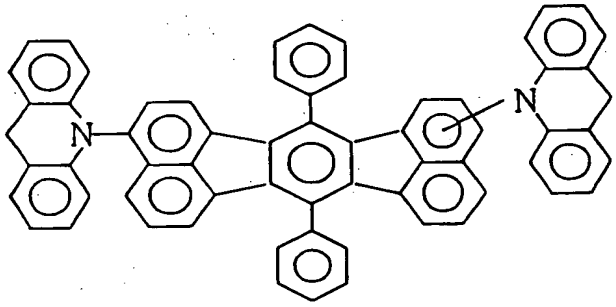

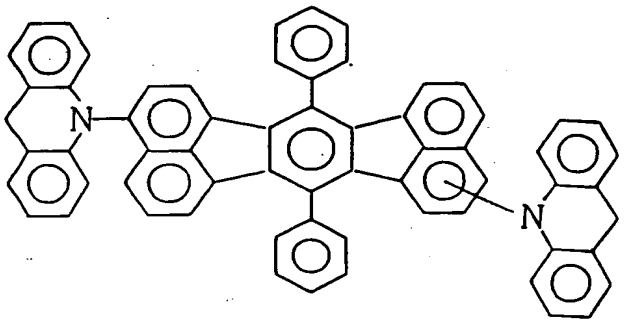

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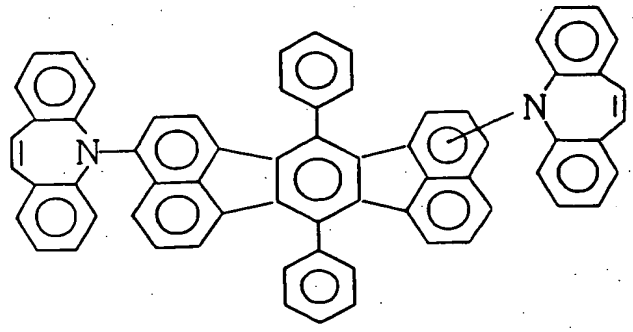

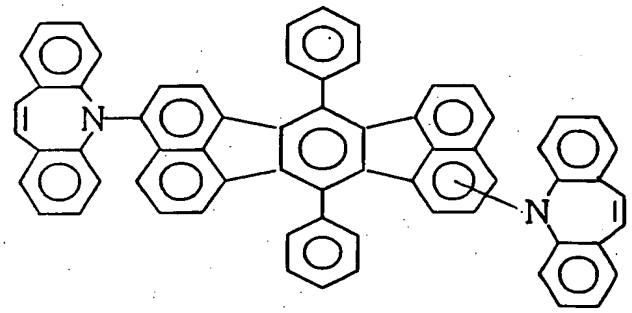

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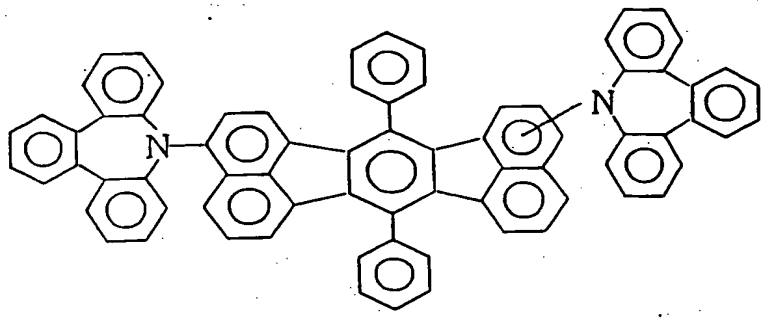

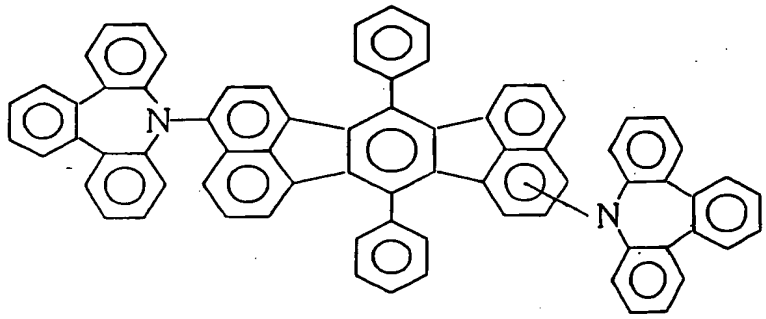

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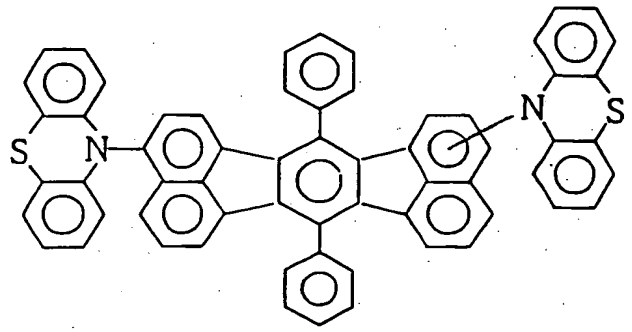

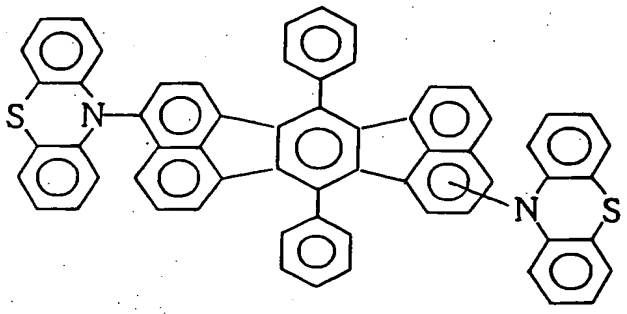

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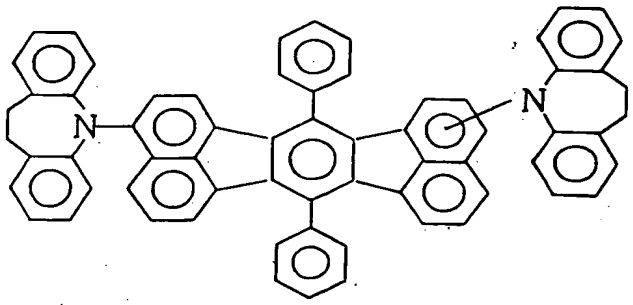
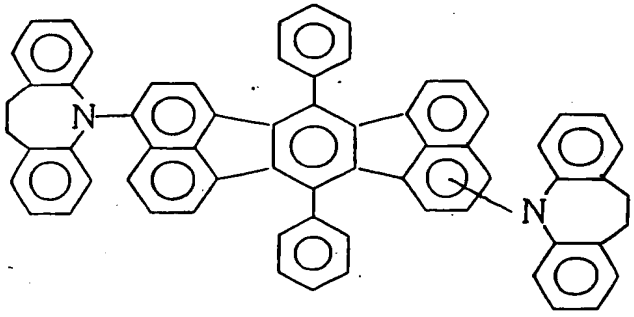
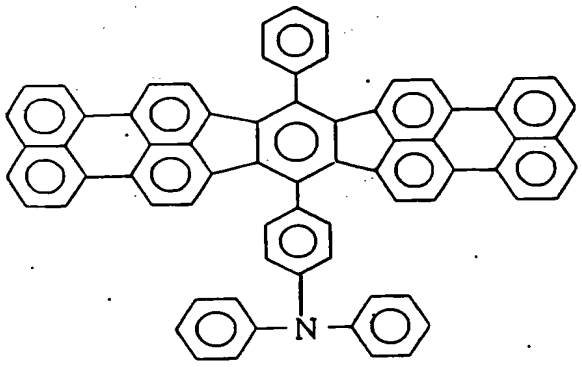


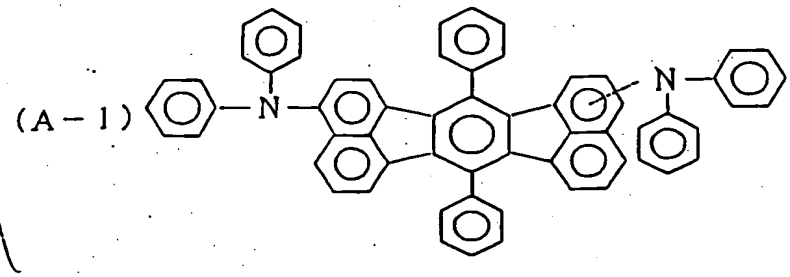


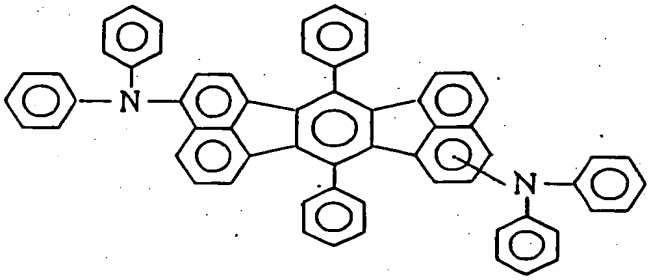
(B-19)



Claim 17: (Previously Presented): The compound according to Claim 15, wherein the compound has at least one structure selected from the group consisting of:

(A – 1)





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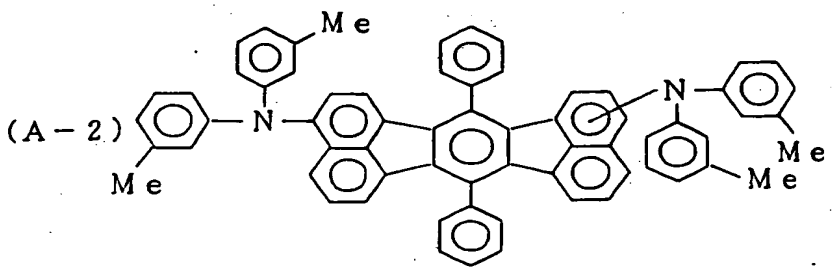

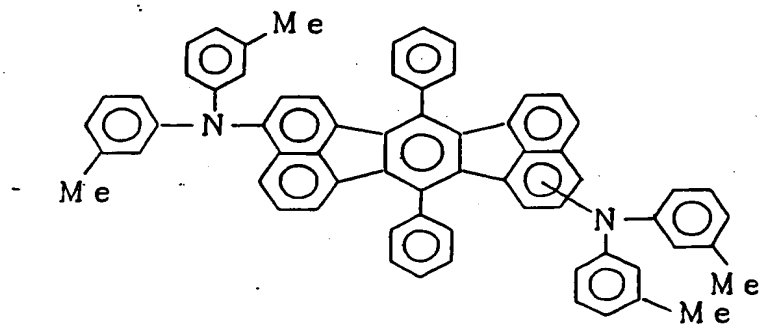

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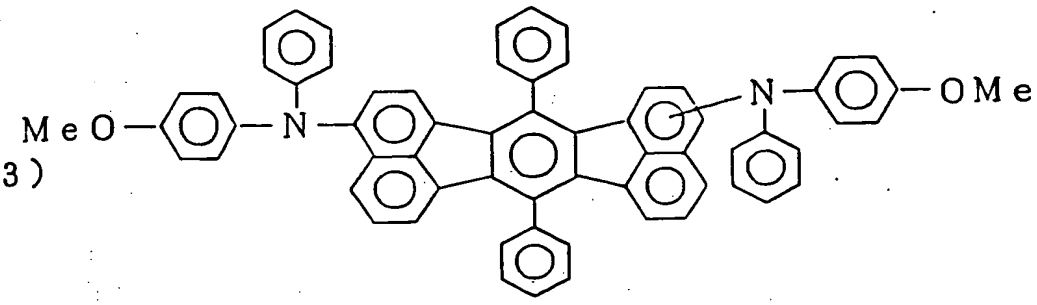
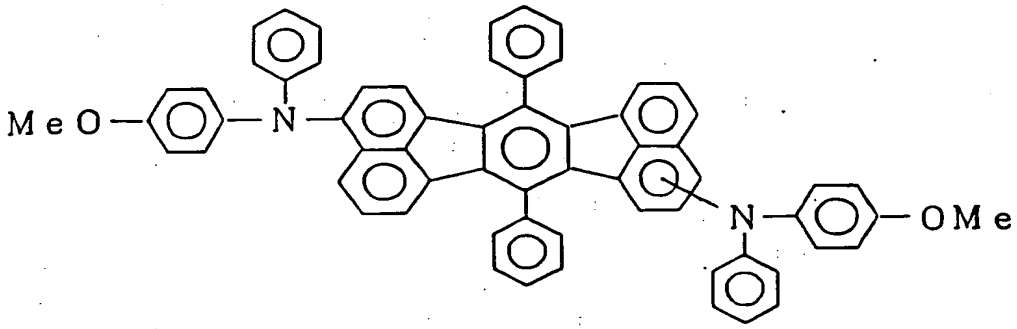
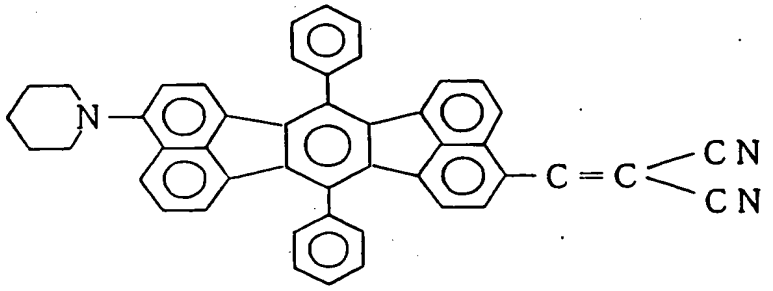
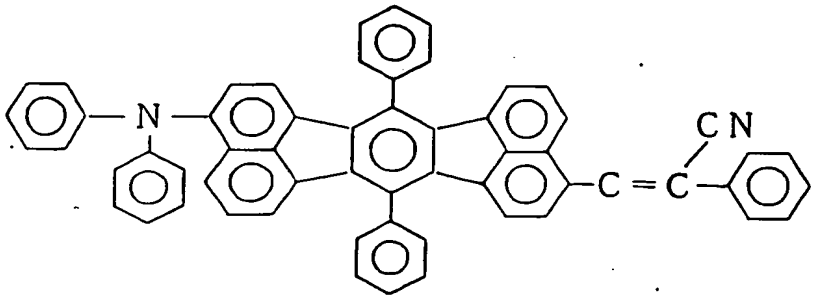


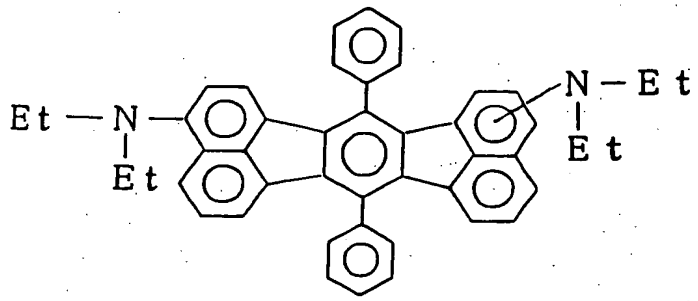

(A－4)

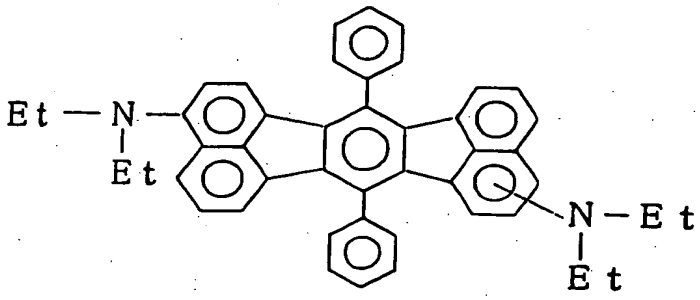



(A－5)

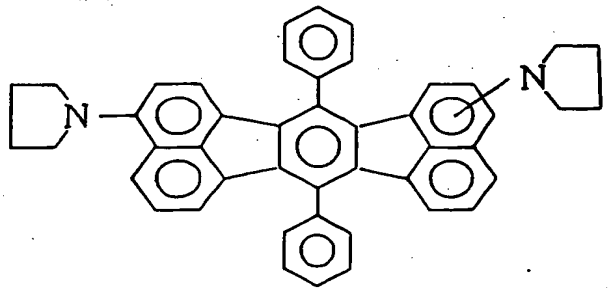


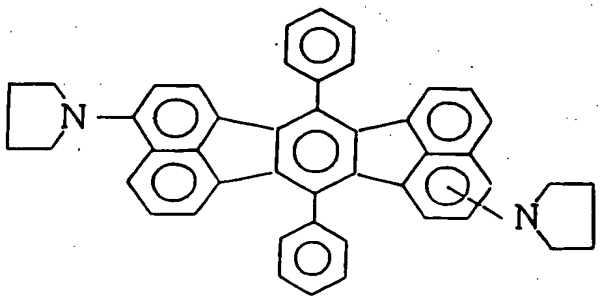
(A－6)





(A－7)





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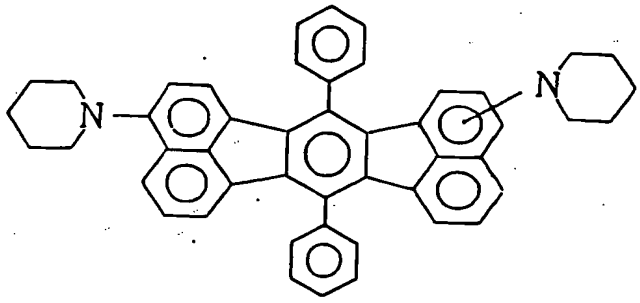
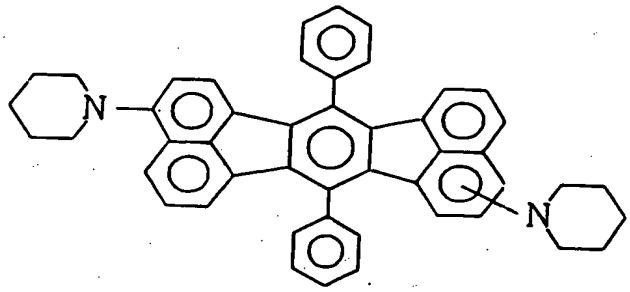
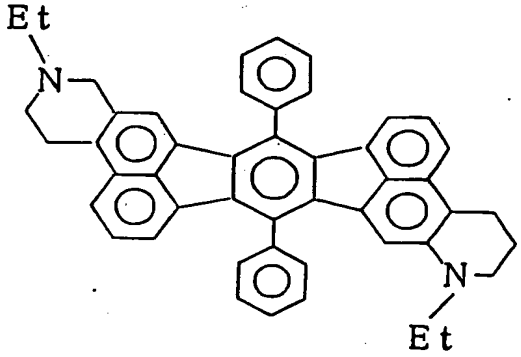
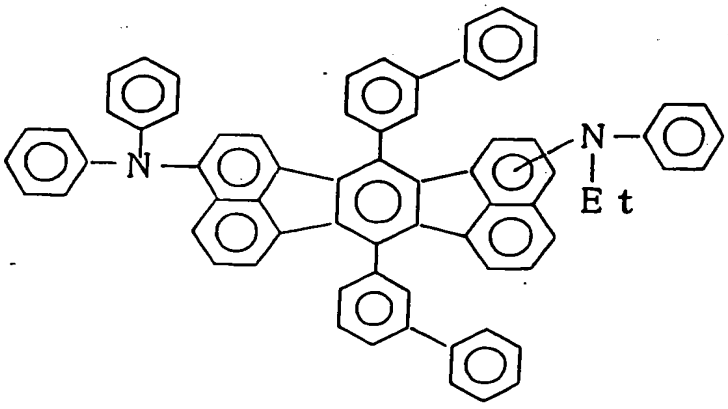


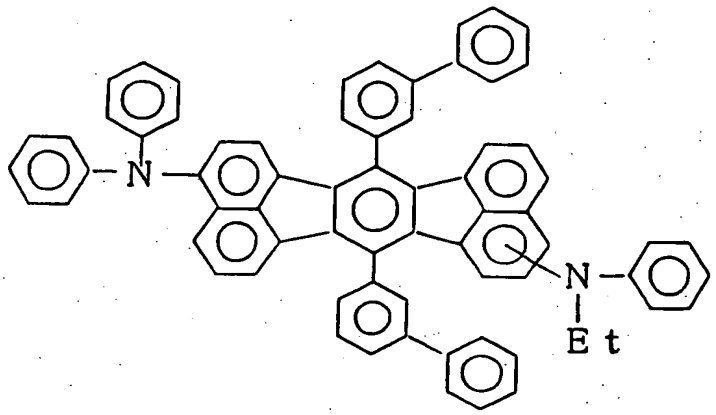


(A－9)

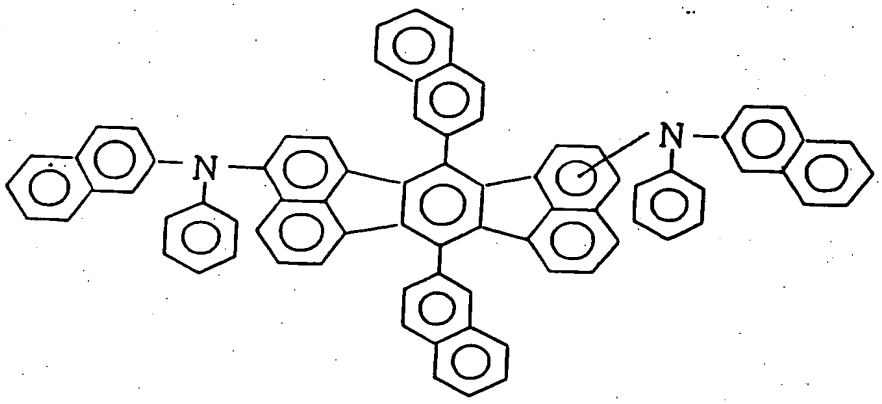


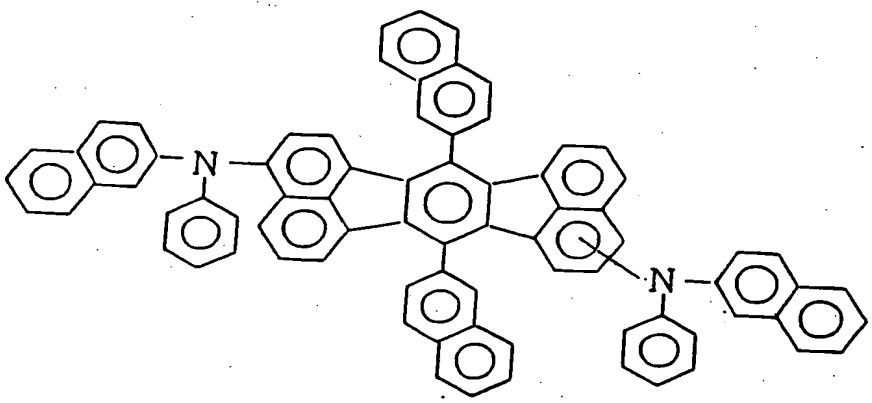
(A－10)






(A−11)

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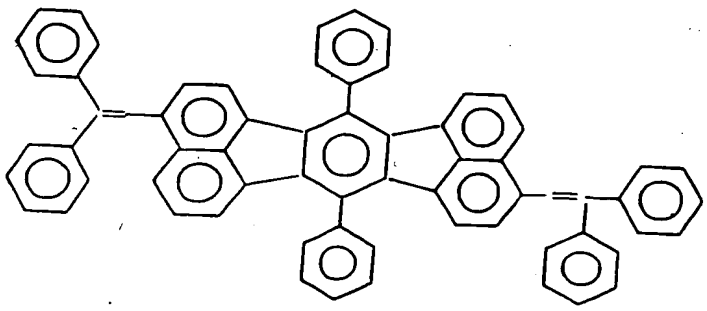
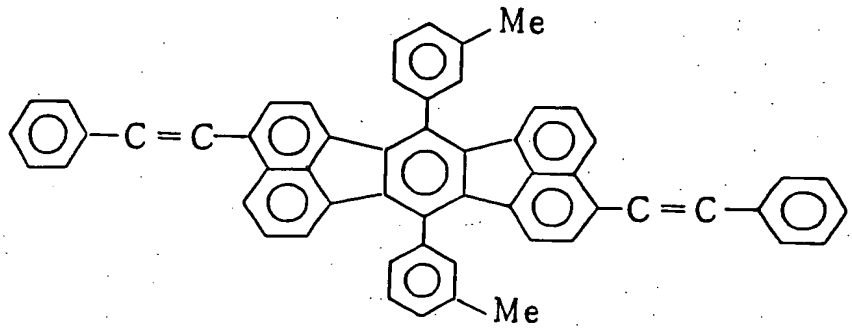
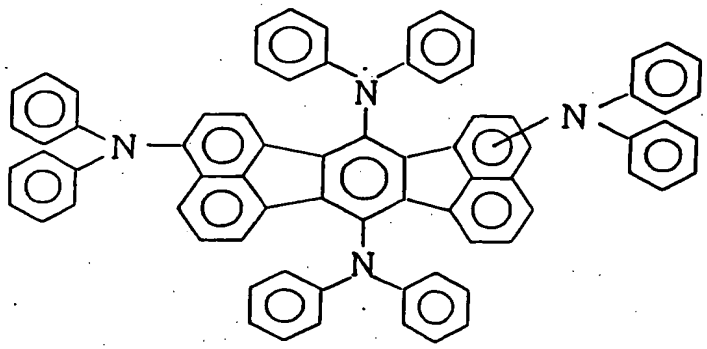
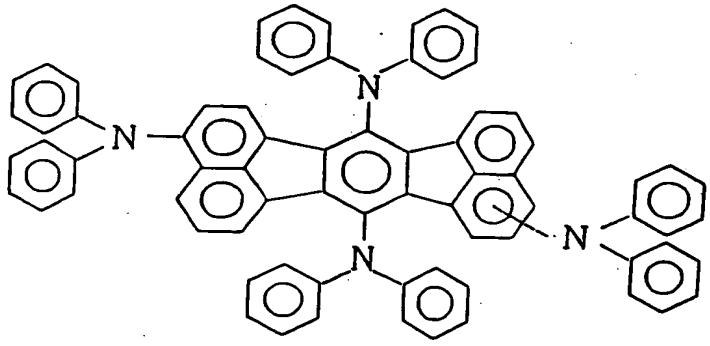


(A−13)

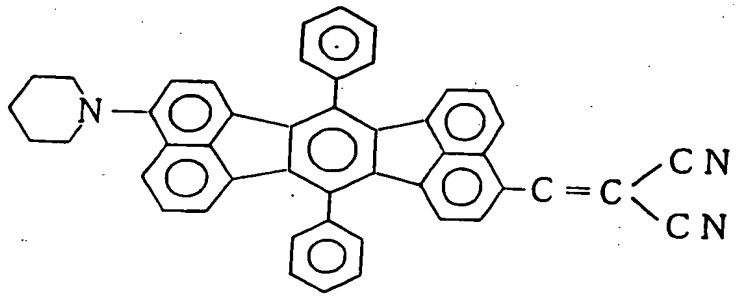



(A−14)




(A−15)



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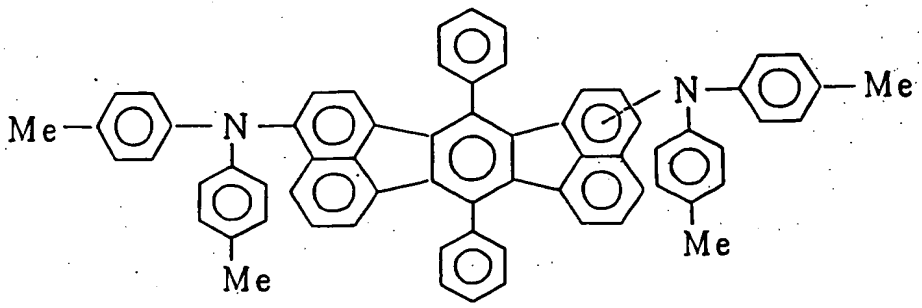


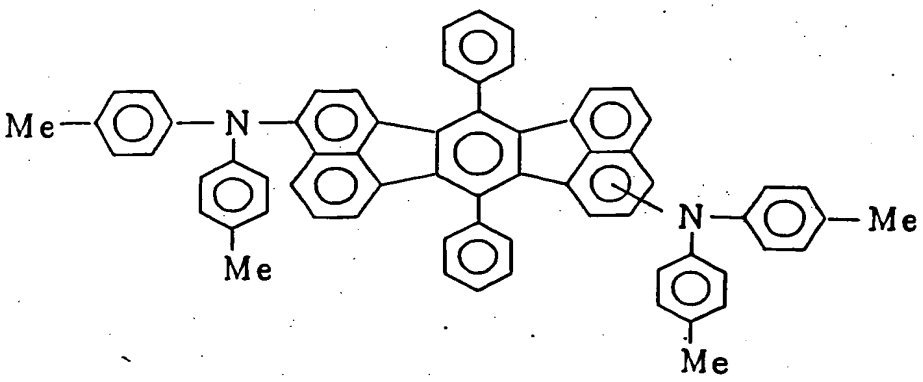


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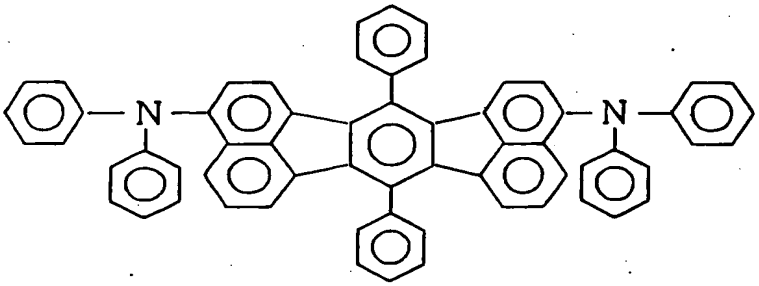


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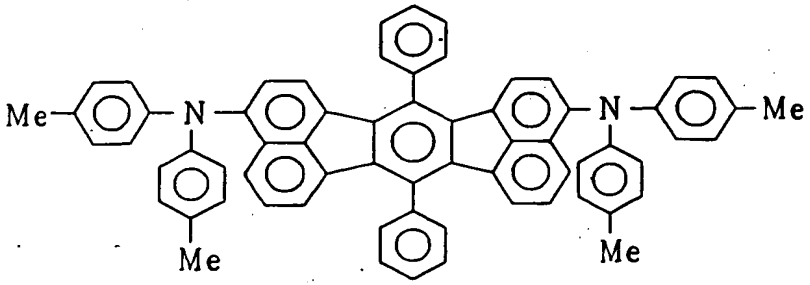
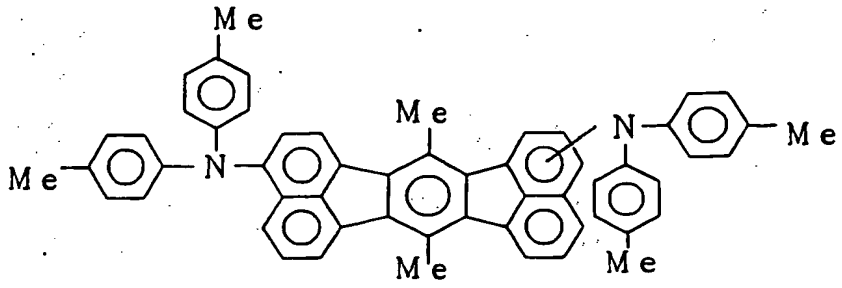


(A－19)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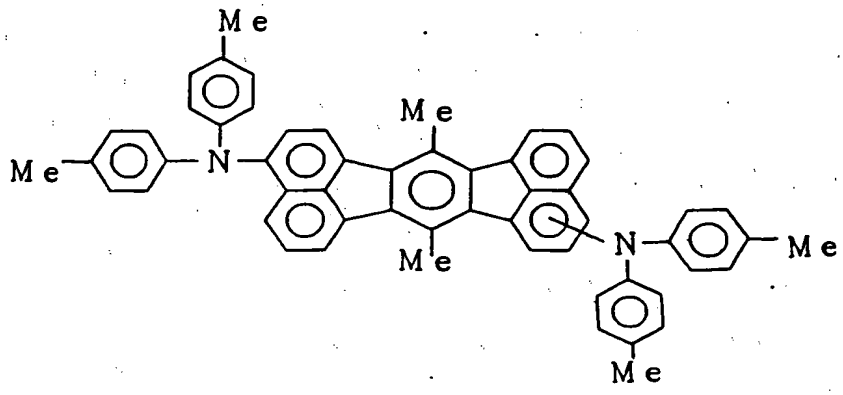
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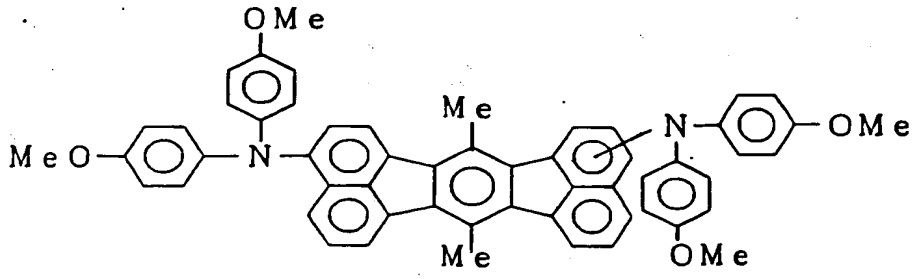
(A－20)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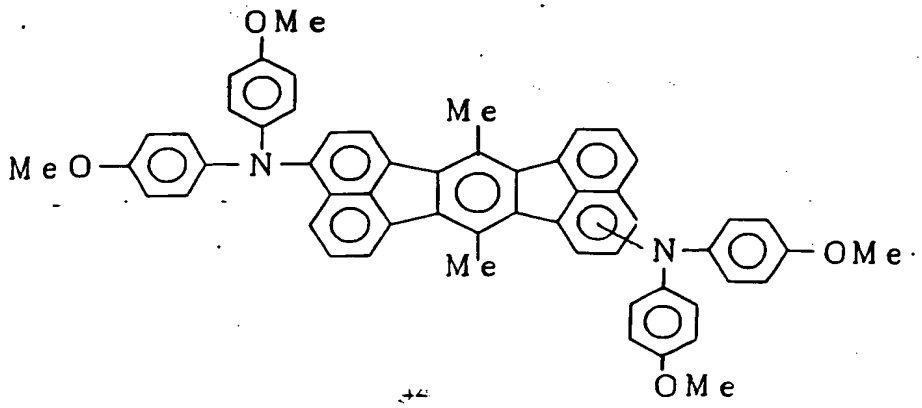
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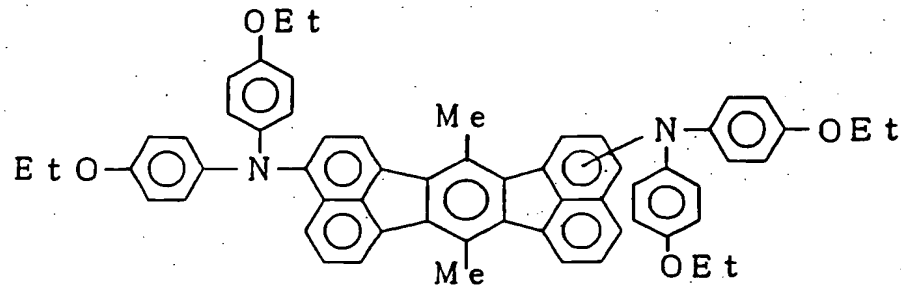
(A-21)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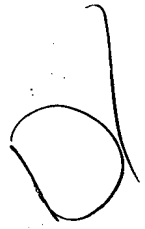

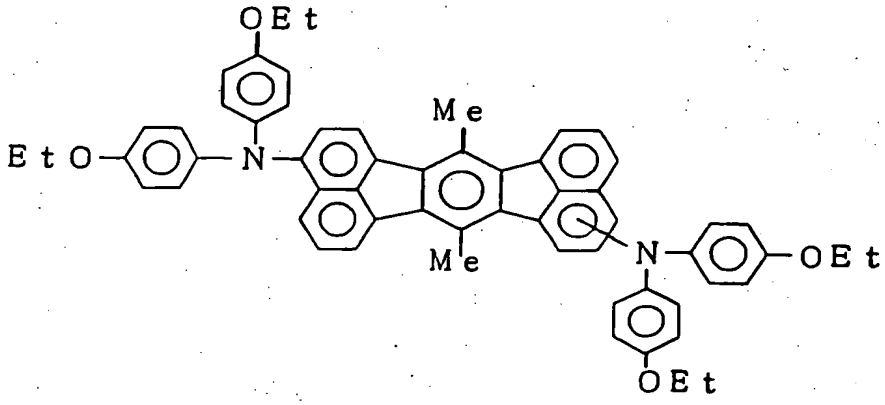
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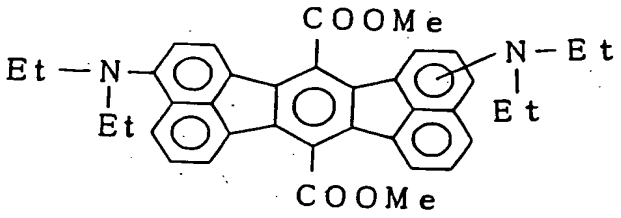
(A-22)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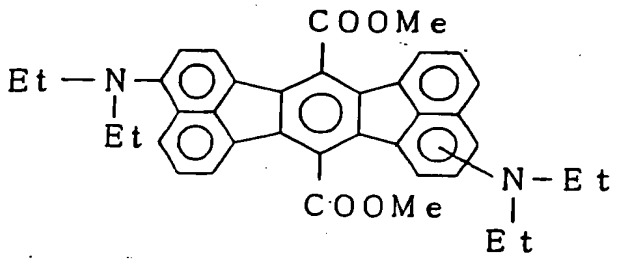
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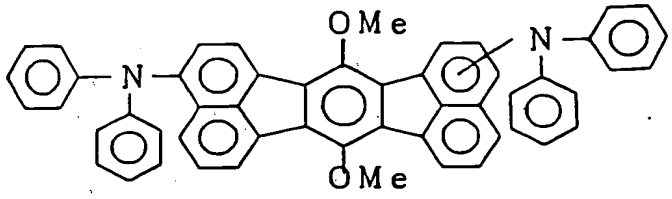
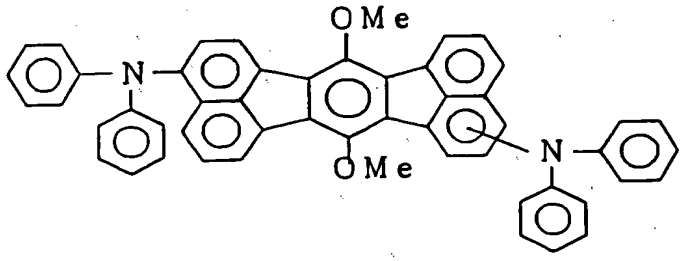
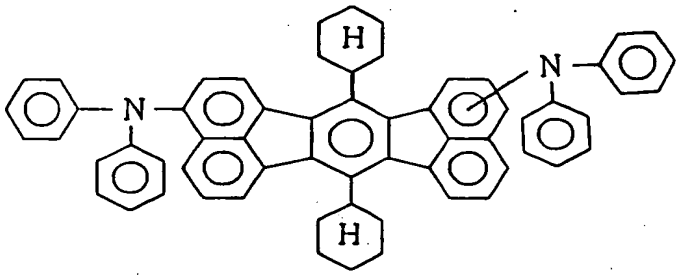
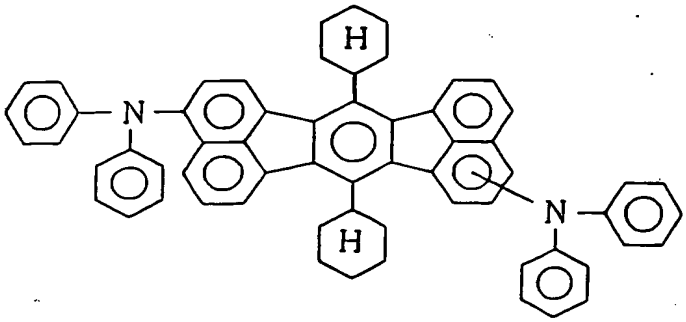
(A－23)



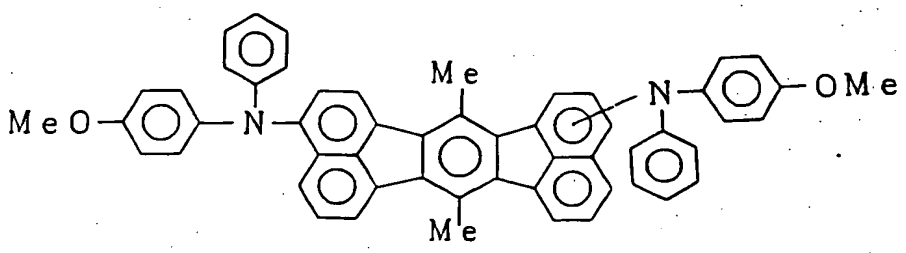




(A－24)



(A－25)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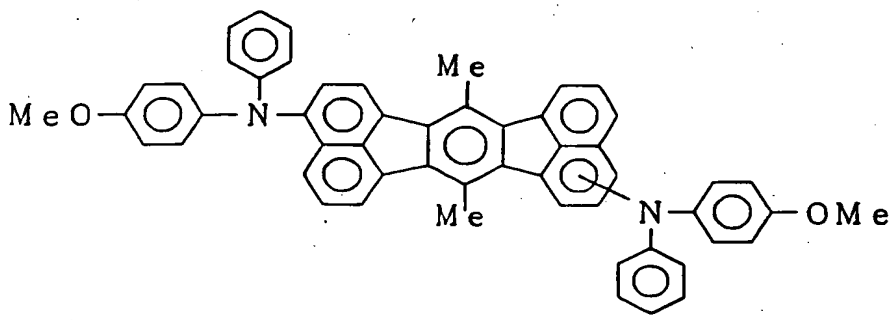
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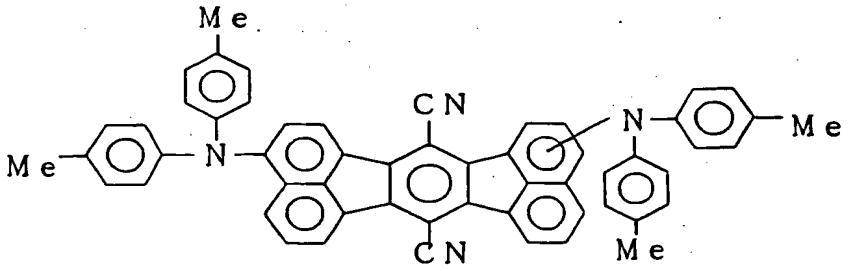
(A－26)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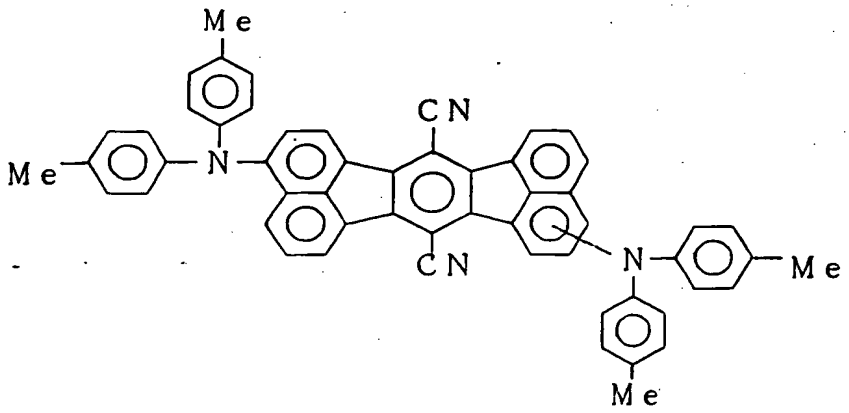
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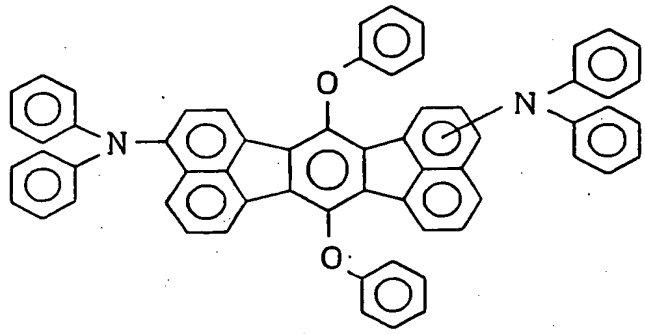
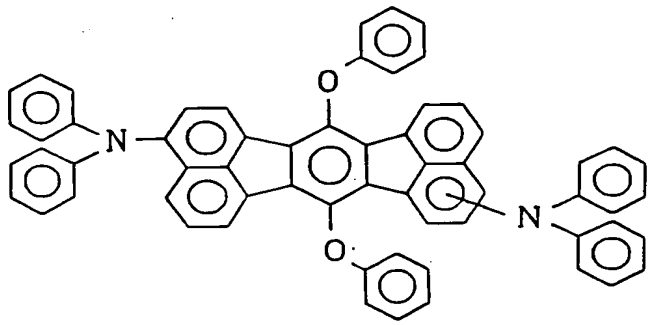
(A－27)





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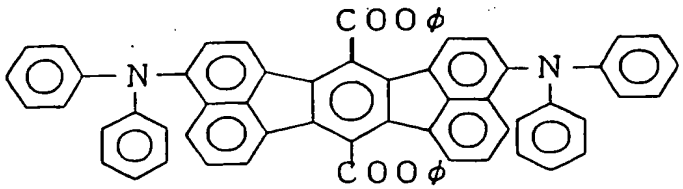
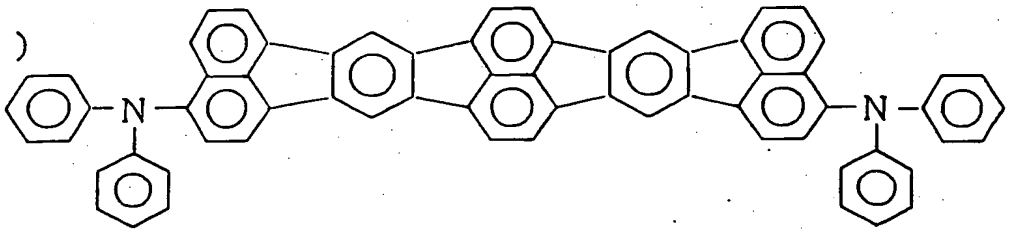
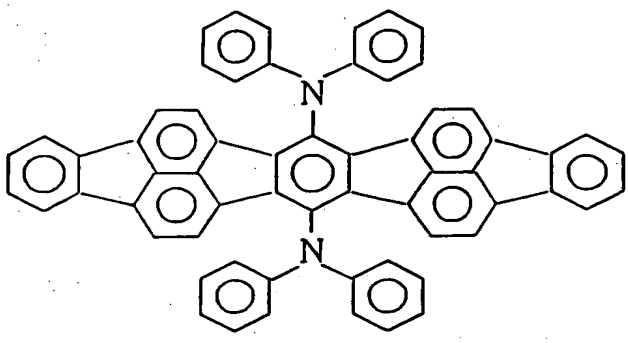


(φ is phenyl group)

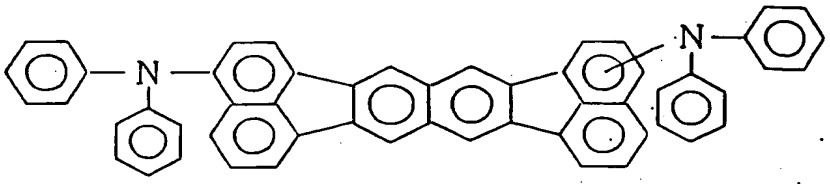
(B－1)

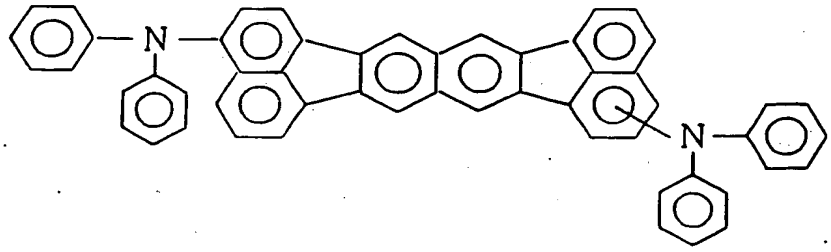


(B－2)



(B－3)





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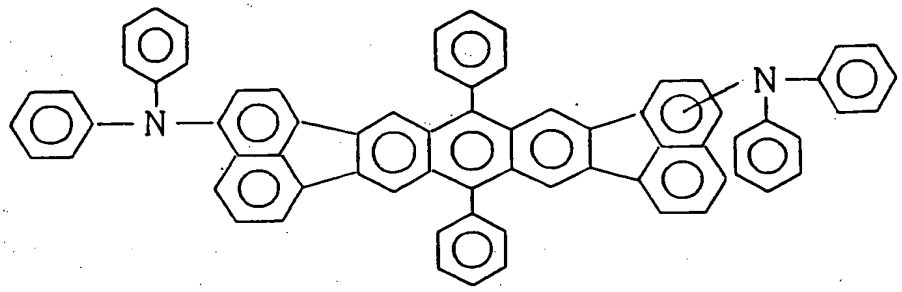

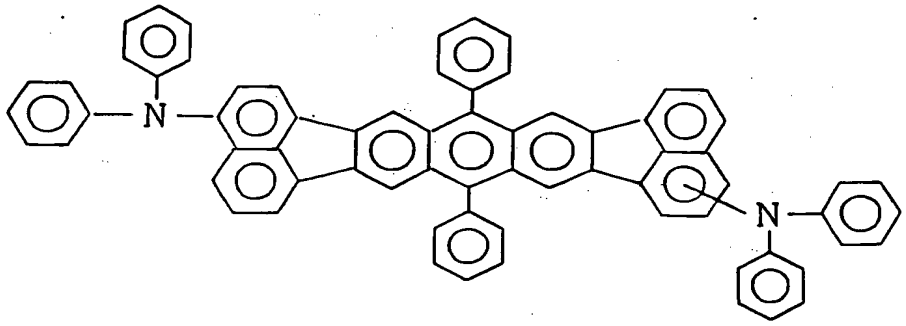

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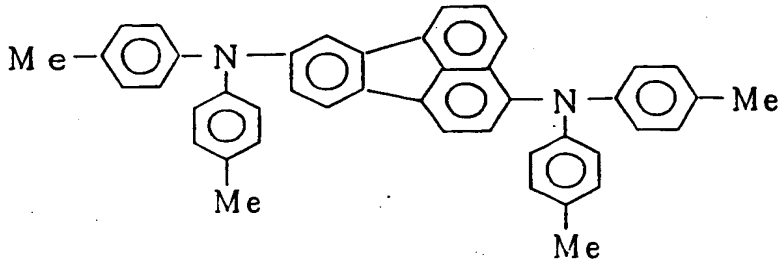


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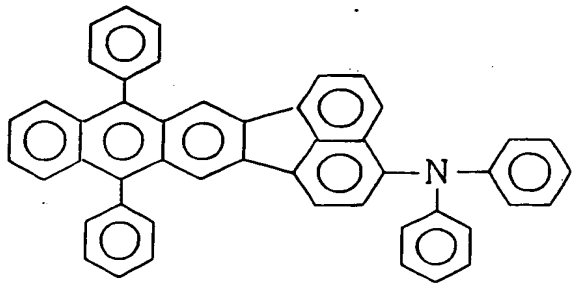

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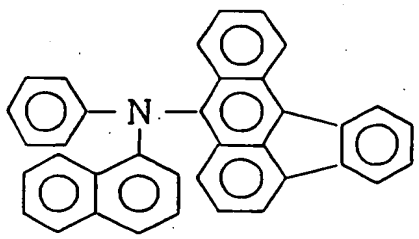

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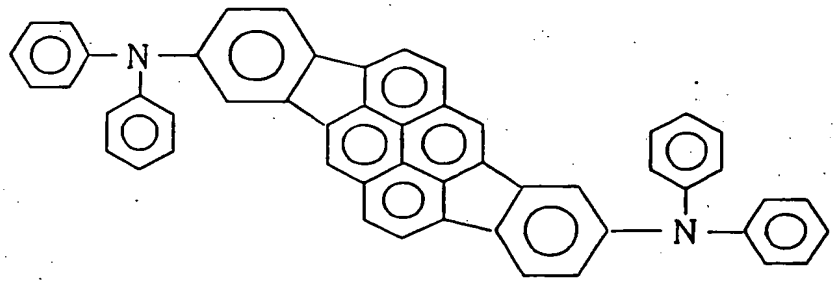

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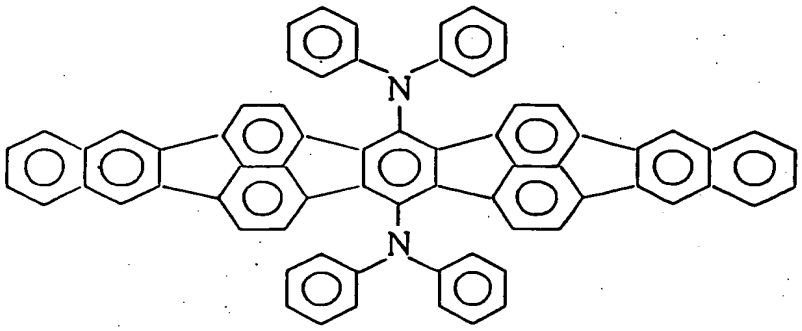

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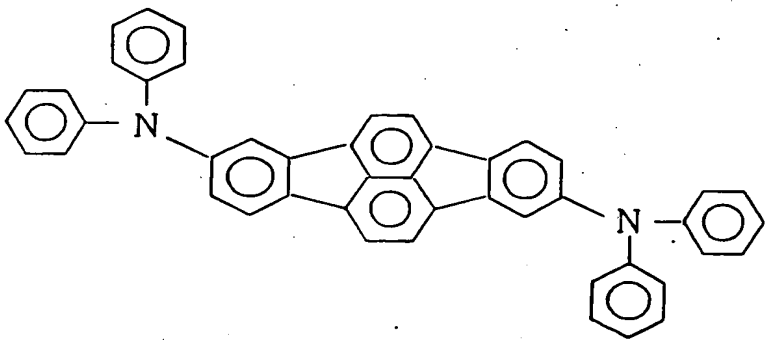

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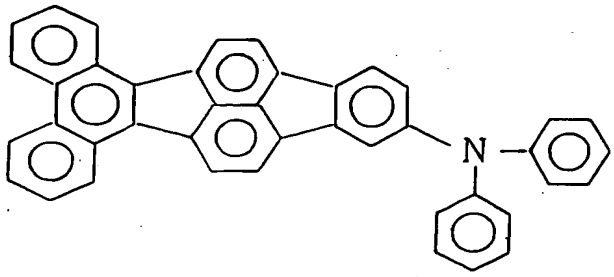

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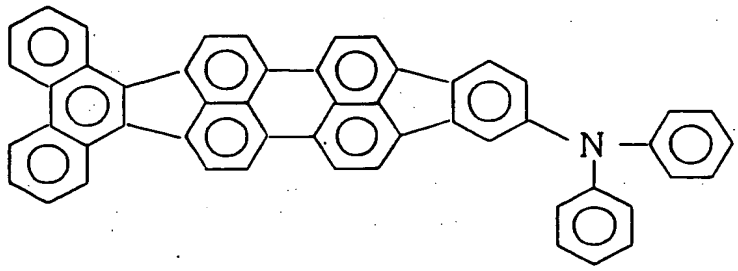

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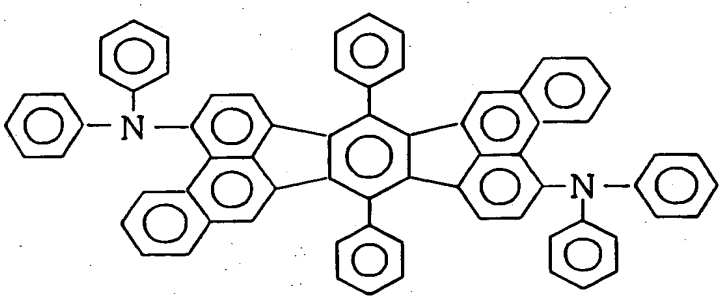

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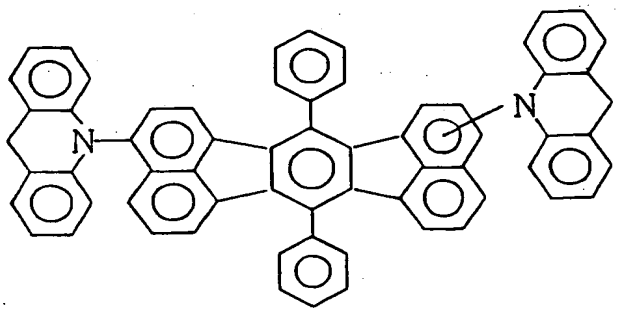

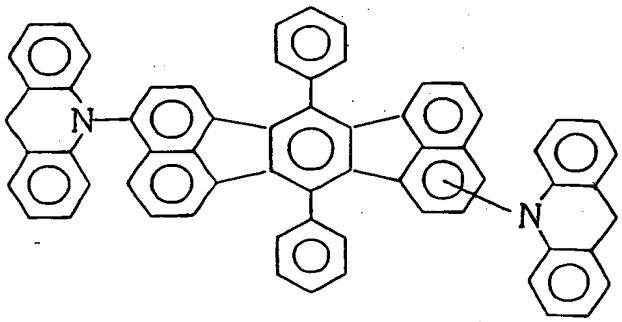

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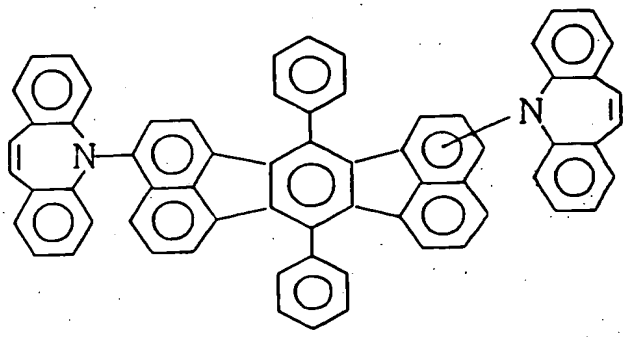

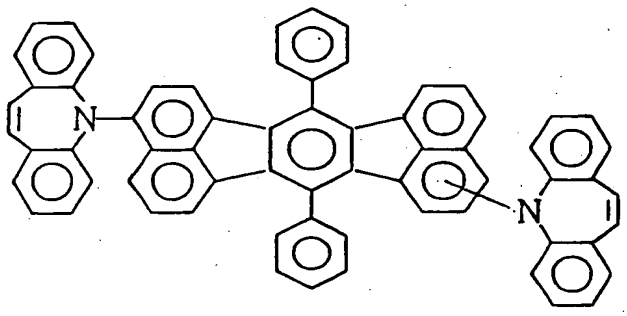

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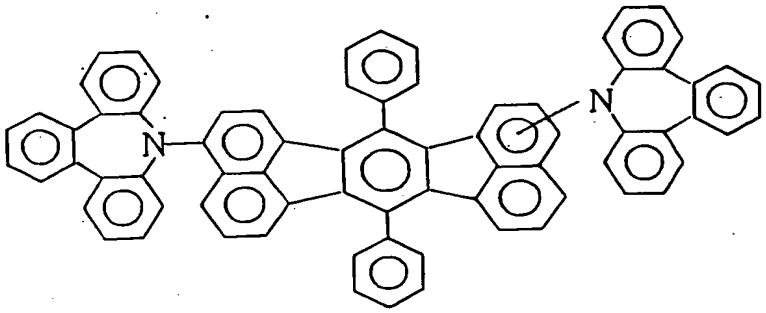

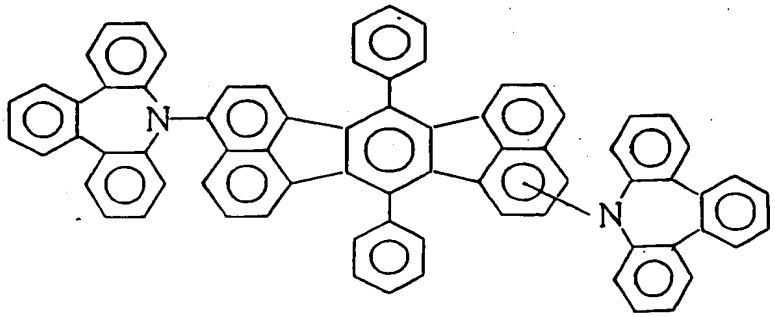

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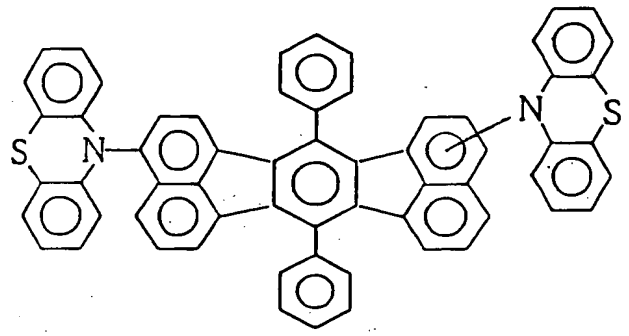

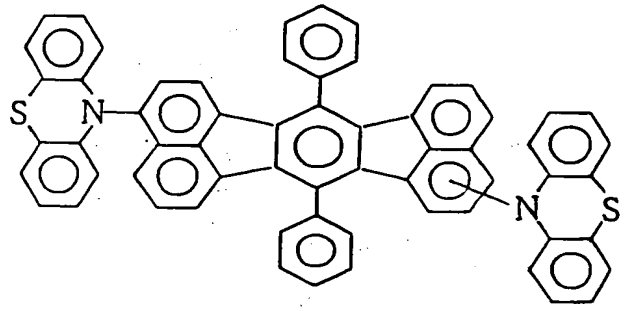

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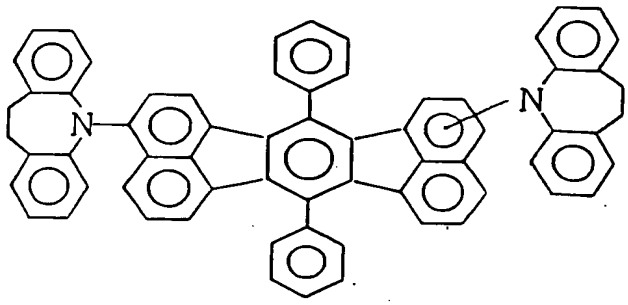

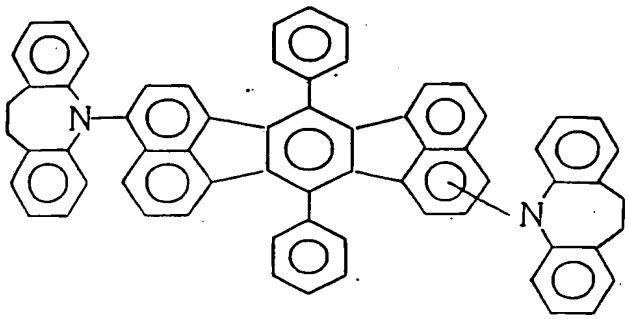

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